

# RECREATION AND PARK COMMISSION PRESENTATION

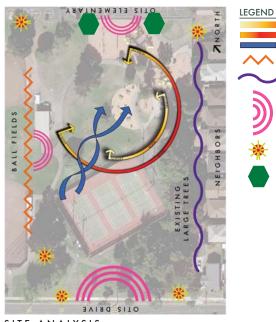
# KRUSI PARK RENOVATION

CARDUCCI & ASSOCIATES, INC 11.14.2011



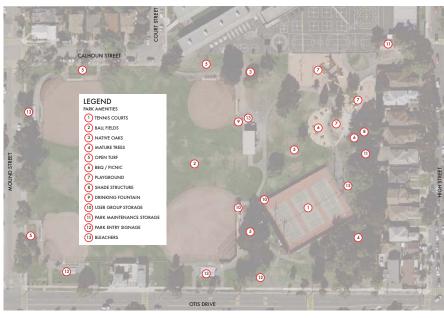
9-14-2011: PRESENTATION TO ARPD STAFF





LEGEND
CIRCULATION
PEDESTRIAN ACCESS POINTS
VEHICULAR ACCESS POINTS
VEHICULAR ACCESS POINTS
PEDESTRIAN ROUTE - FORMAL
MAINTENANCE VEHICLE BOUTE
MAJOR / COLLECTOR ROADWAY
NEIGHBORHOOD ROADWAY

ORDERS



SITE ANALYSIS

CIRCULATION

WINTER SUN
SUMMER SUN
PREVAILING WIND
ADJACENT USE

HAZARD ADJACENT NOISE

SENSITIVY

ADJACENT

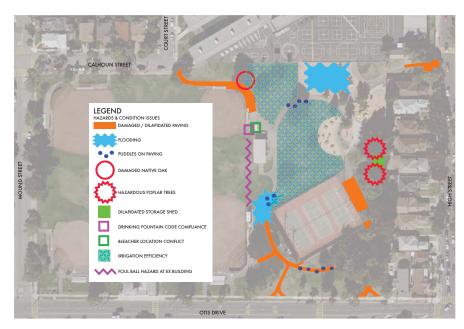
PEDESTRIAN

SCHOOL ACCESS

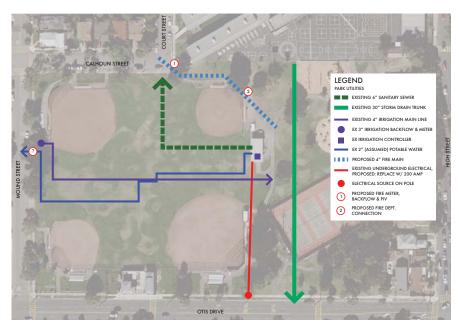
ACCESS

NOISE

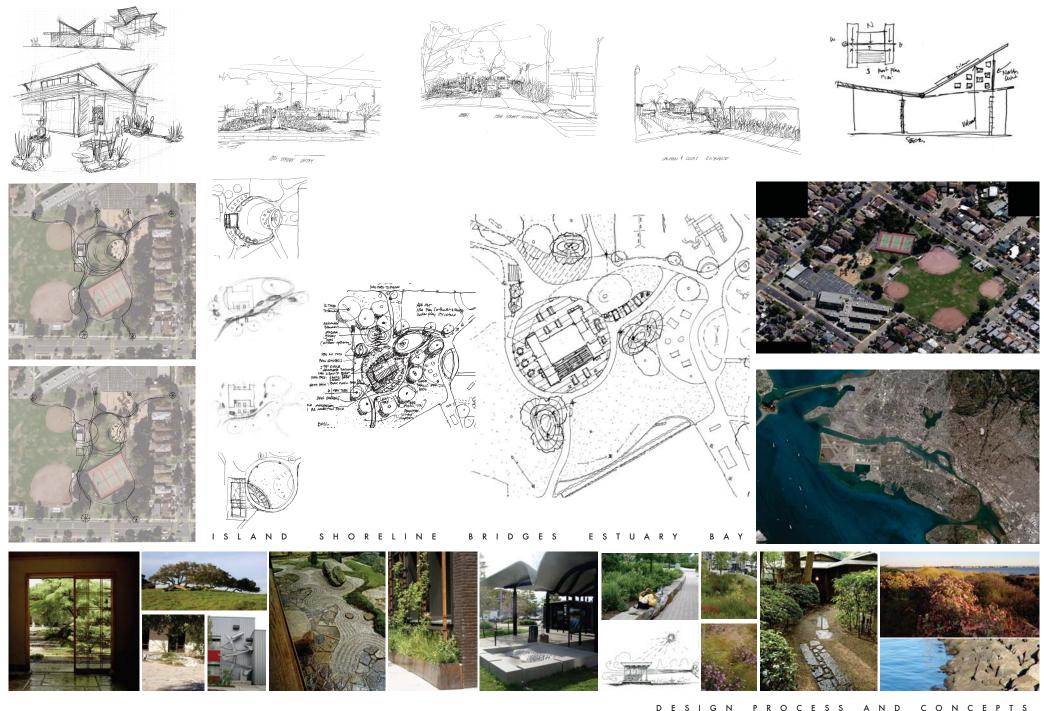
EXISTING AMENITIES



EXISTING CONDITION ISSUES



PARK UTILITIES





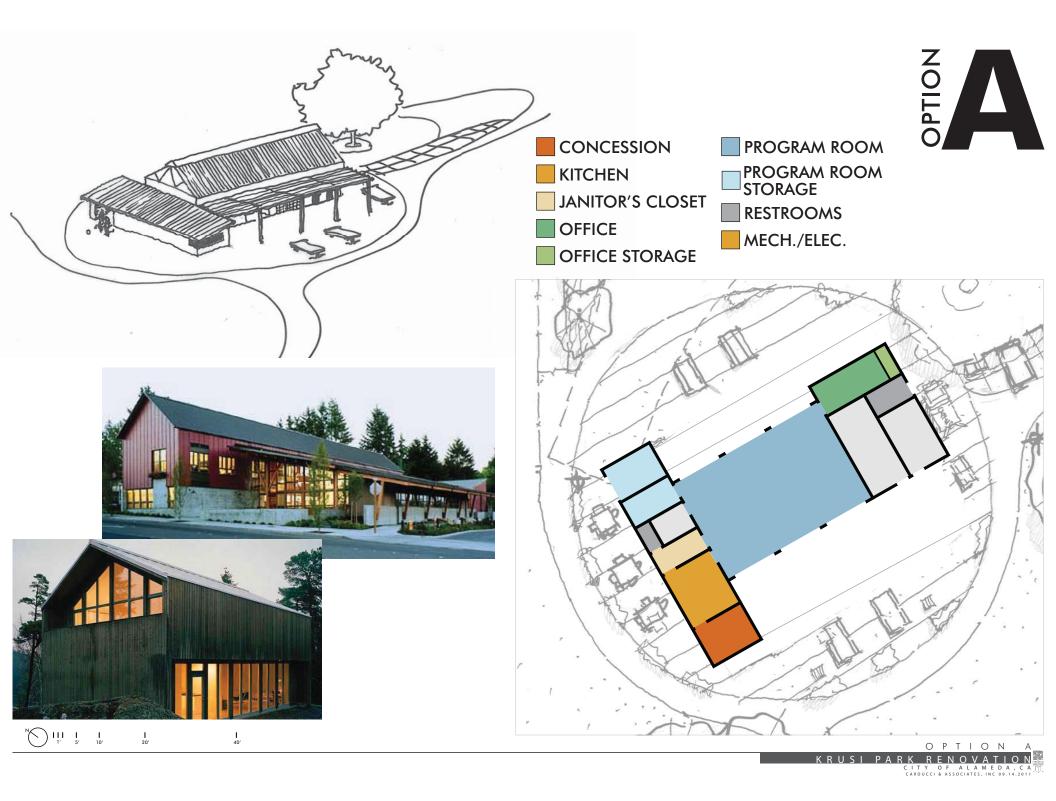


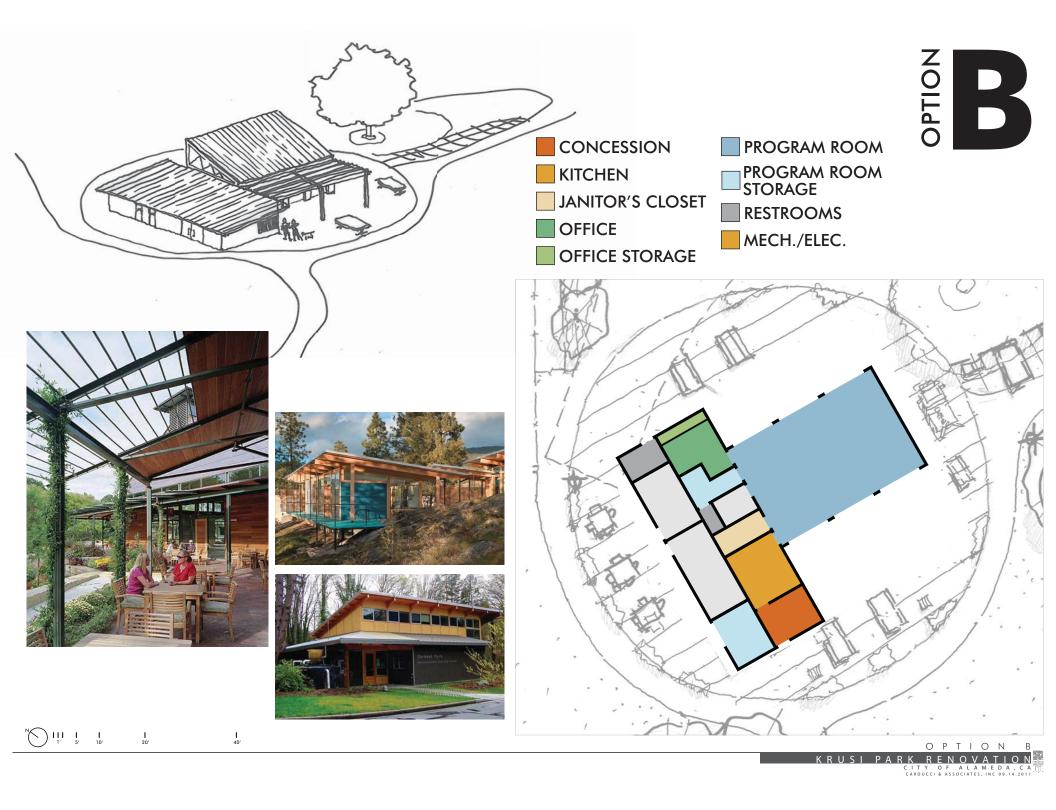


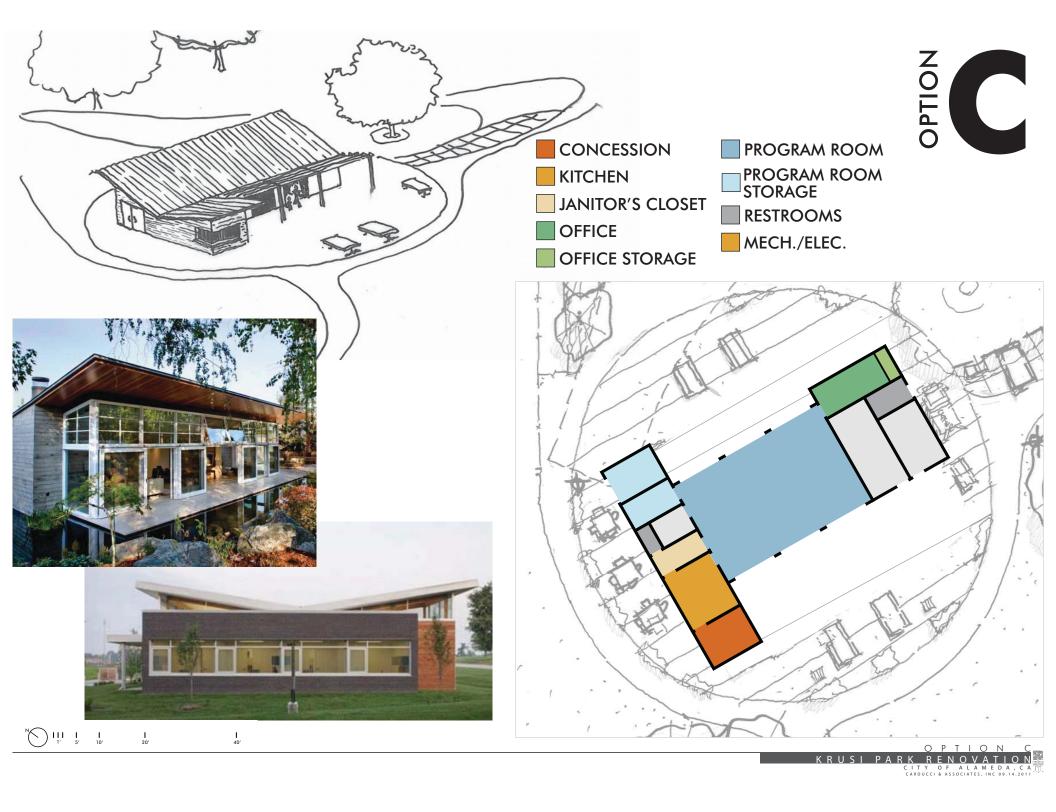






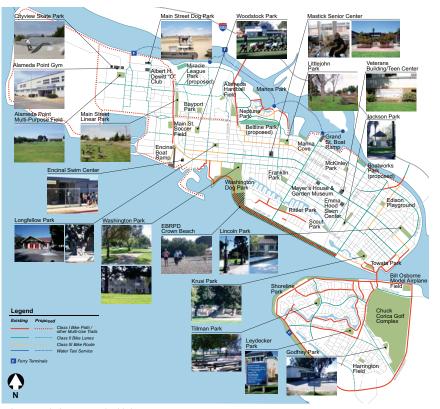






9-29-2011: COMMUNITY MEETING PRESENTATION

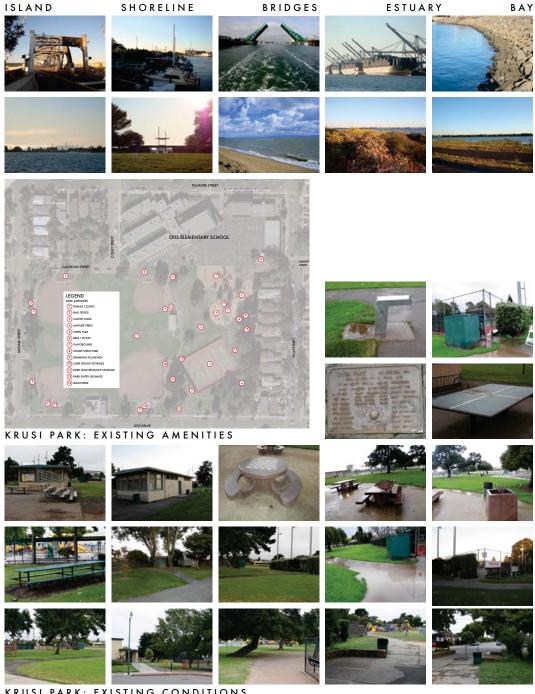




PARK FACILITIES MAP

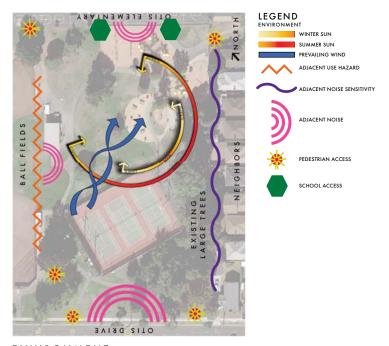


VICINITY MAP



KRUSI PARK: EXISTING CONDITIONS

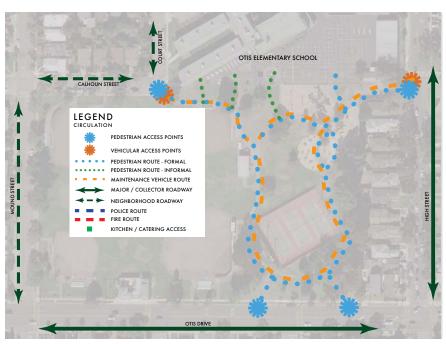
CONTEXT AND EXISTING PARK\_



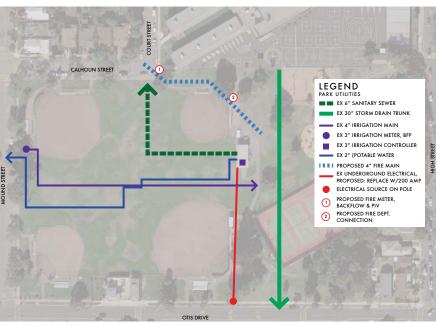
ENVIRONMENT



EXISTING CONDITION ISSUES



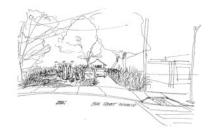
CIRCULATION



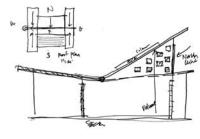
PARK UTILITIES





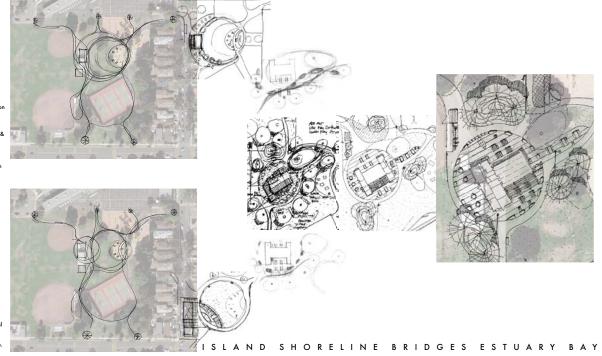






#### PROJECT UNDERSTANDING

- Provide a new, state-of-the-art park building that can serve as neighborhood center and act as a nucleus for park activities, and be beautiful, functional, flexible, and maintainable.
- Provide new pathways that are safe and clear.
- Provide innovative formal and informal picnic areas for today and tomorrow.
- Provide an environmentally responsible design solution.
- Respect and preserve elements of the park such as existing trees and playing field area.
- Improve visibility and provide clear access and connection to the park from the surrounding neighborhood and school
- Provide measured walk / run markers to improve health & wellness.
- Provide educational value in project elements.
- Provide ADA compliance through an approach of design excellence and universal access.
- Facilitate a public process that is transparent, inclusive, directed, measurable and feasible.
- Design for cost-effective and efficient facilities and landscapes.
- Provide for the protection of the environment and openspace resources.
- Provide for better pedestrian, bicycle, and public safety access to and through the park.
- Improve and update the irrigation system to current standards.
- Provide a design that allows for add and deduct alternates to meet budget.
- Provide a park design that is secure, inviting, and beautiful.
- Provide native and habitat planting to increase biological diversity, shade the park, and educate.
- Provide for revenue opportunities in the new park design.





















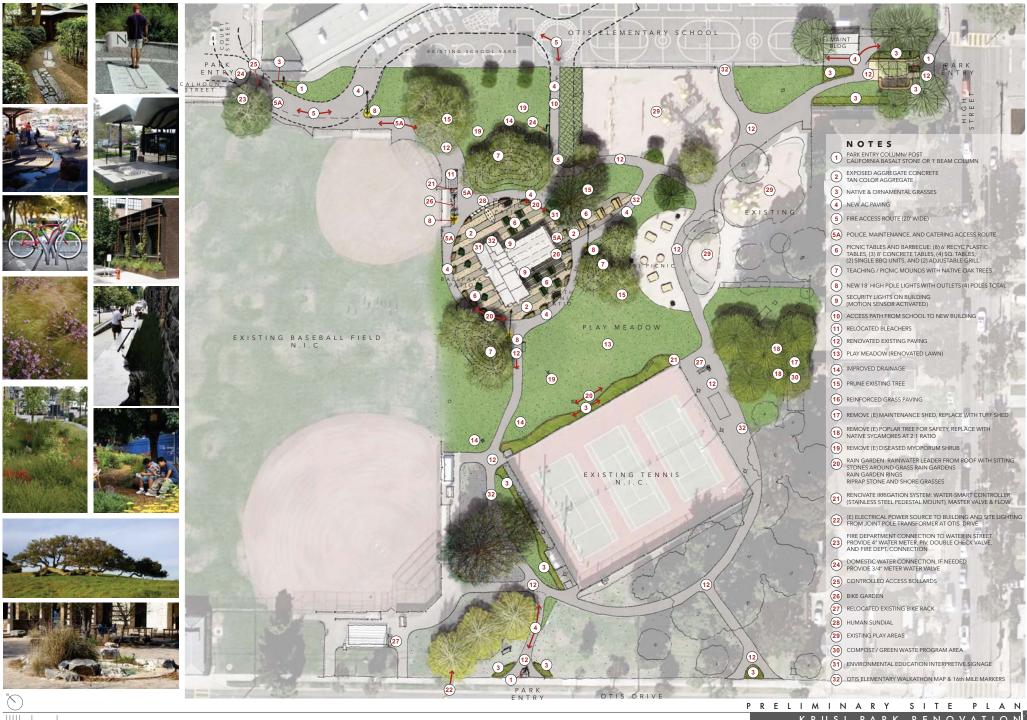


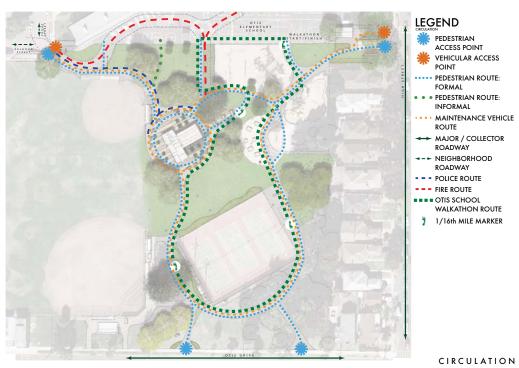














LATION ENVIRONMENTAL EDUCATION









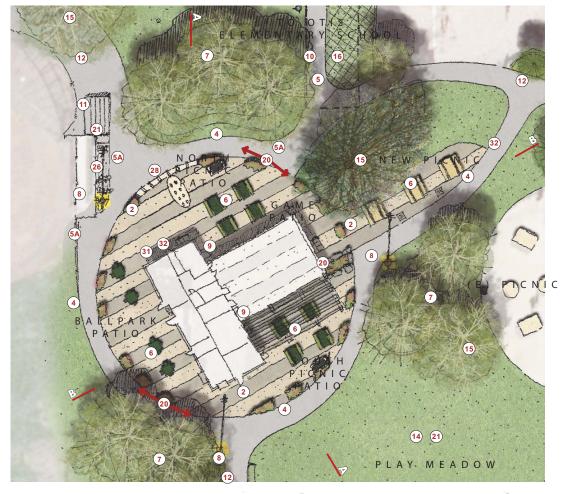








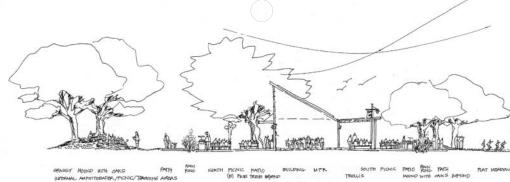




# SITE PLAN NOTES

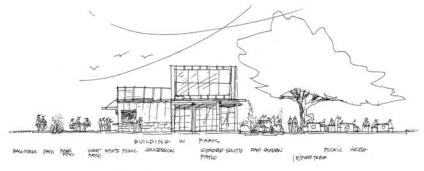
- 2 EXPOSED AGGREGATE CONCRETE TAN COLOR AGGREGATE
- **3 NATIVE & ORNAMENTAL GRASSES**
- (4) NEW AC PAVING
- (5) FIRE ACCESS ROUTE
- 5A POLICE, MAINTENANCE, AND CATERING ACCESS ROUTE
- PICNIC TABLES AND BARBECUE:
   (8) 6' RECYC PLASTIC TABLES,
   (3) 8' CONCRETE TABLES, (4) SQ.
   TABLES, (2) SINGLE BBQ UNITS, AND (2)
   ADJUSTABLE GRILL "FAMILY" BBQ UNITS
- 7 TEACHING / PICNIC MOUNDS
  WITH NATIVE OAK TREES
- 8 NEW 18' HIGH POLE LIGHTS WITH OUTLETS (4) POLES TOTAL
- 9 SECURITY LIGHTS ON BUILDING (MOTION SENSOR ACTIVATED)
- 10 ACCESS PATH FROM SCHOOL TO NEW BUILDING
- (11) RELOCATED BLEACHERS
- 12 RENOVATED EXISTING PAVING

- 14 IMPROVED DRAINAGE
- 15 PRUNE EXISTING TREE
- **16) REINFORCED GRASS PAVING**
- 20 RAIN GARDEN: RAINWATER LEADER FROM ROOF WITH SITTING STONES AROUND GRASS RAIN GARDENS RAIN GARDEN RINGS RIPRAP STONE AND SHORE GRASSES
- **21) RENOVATED IRRIGATION SYSTEM**
- **26** BIKE GARDEN
- **28** HUMAN SUNDIAL
- 31) ENVIRONMENTAL EDUCATION INTERPRETIVE SIGNAGE
- 32 OTIS ELEMENTARY WALKATHON MAP & 16th MILE MARKERS



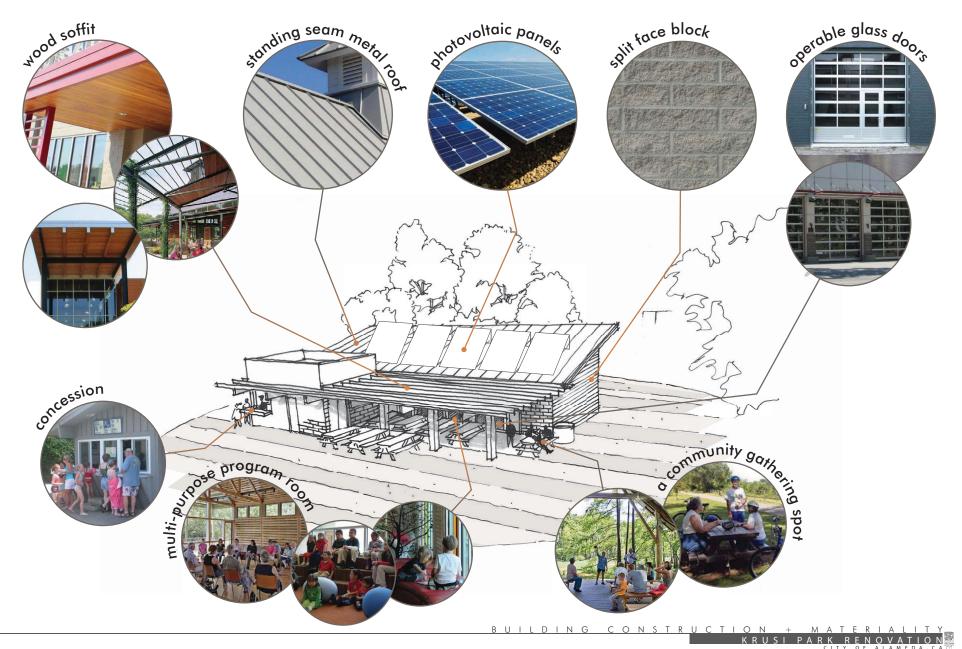
SECTION A

**SECTION B** 





# KRUSI PARK BUILDING: CONSTRUCTION + MATERIALITY



KEY:	PARTICIPANT GROUP:
1 TOP PRIORITY  DIRECTIONS:  ONE (1) SET OF THREE (3) DOTS PER PARTICIPANT PLEASE USE ONE (1) DOT PER SITE ELEMENT OPTION  3 LOW PRIORITY	OTIS SCHOOL GROUP SPORTS GROUP COMMUNITY GROUP
RIORITY VOTES:	PARK SITE ELEMENT OPTIONS
	RENTABLE 'FORMAL' PICNIC/ BBQ AREAS (NEAR OR AWAY FROM BUILDING)
	PUBLIC INFORMAL PICNIC/ BBQ AREAS (NEAR OR AWAY FROM BUILDING)
	PARK PATHWAY IMPROVEMENTS/ CONNECTIONS (SCHOOL/ PARK/ NEIGHBORHOOD)
	PARK ENTRY IMPROVEMENTS (OTIS DRIVE, HIGH STREET, CALHOUN COURT)
	SITE SECURITY (LIGHTING, BOLLARDS, FIRE & POLICE ACCESS)
	INFORMAL PARK TURF AREAS (PLAY MEADOW, PICNIC GREEN)
	OUTDOOR/ INDOOR CONNECTIONS (EXPANDED/ FLEXIBLE AREAS OUTSIDE BLDG)
	SOLAR AND WIND PROTECTION FOR OUTDOOR AREAS
	ENVIRONMENTAL/ SUSTAINABLE DESIGN (RECYCLE, RESPECT, REUSE, RESTORE) SOLAR, RAINGARDENS,     STORMWATER FILTRATION, HEAT REFLECTIVITY, NATIVE PLANTING, WATER CONSERVATION, PERMEABLE SURFACES
	WRITE IN ADDITIONAL SITE ELEMENTS:

	at da way lika bast abayt the same 12
. wn	at do you like best about the park?
. Wh	at do you like least about the park?
	ase provide your email address for project and web sited ates
	picnic/bbq restrooms storage
	sarety concession entry sustainability
	SECULIEV IIIDIOVEILEILS
ark Pr	accessibility after school program space
ark Pr	iorities:
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9-29-2011: COMMUNITY INPUT



#### KEY:

TOP PRIORITY

#### DIRECTIONS:

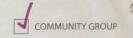
- · ON
  - ONE (1) SET OF THREE (3) DOTS PER PARTICIPANT
     PLEASE USE ONE (1) DOT PER SITE ELEMENT OPTION
- 3 LOW PRIORITY

2 MEDIUM PRIORITY

#### PARTICIPANT GROUP:







CARBUCCI & ASSOCIATES, INC OF 25 1011

PRIORITY VOTES;	top priority	med priority	low priority	PARK SITE ELEMENT OPTIONS
0000			4	RENTABLE FORMAL PICNIC/ BBQ AREAS (NEAR OR AWAY FROM BUILDING)
• •		1	1	PUBLIC INFORMAL PICNIC/ BBQ AREAS (NEAR OR AWAY FROM BUILDING)
	1	3	2	PARK PATHWAY IMPROVEMENTS/ CONNECTIONS (SCHOOL/ PARK/ NEIGHBORHOOD)
• • •		1	2	PARK ENTRY IMPROVEMENTS (OTIS DRIVE, HIGH STREET; CALHOUN COURT)
<b>8 00000</b>	4	2		SITE SECURITY (LIGHTING, BOLLARDS, FIRE & POLICE ACCESS)
••	1	1		INFORMAL PARKTURF AREAS (PLAY MEADOW, PICNIC GREEN)
		1		OUTDOOR/ INDOOR CONNECTIONS (EXPANDED/ FLEXIBLE AREAS OUTSIDE BLDG)
••	2			SOLAR AND WIND PROTECTION FOR OUTDOOR AREAS
000000	4	3		ENVIRONMENTAL/ SUSTAINABLE DESIGN (RECYCLE, RESPECT, REUSE, RESTORE) SOLAR, RAINGARDENS,     STORMWATER FILTRATION, HEAT REFLECTIVITY, NATIVE PLANTING, WATER CONSERVATION, PERMEABLE SURFACES
0 0 0 0	3	3		WRITE IN ADDITIONAL SITE ELEMENTS: PRAYER (SAFETY)  Bulknown VIST bulky from Park (Safety)
•	1			sic: "safer street crossings to park
••	2			SNACK BAR / CONCESSION
			7,11,2	





	KRUSI PARK: Questionnaire NO DOG RUN						
	MINOSI I ANN. OUCSTIONNATIC						
	ALAMEDA, CA PLEASE!						
	1. What do you like best about the park?						
	-2 different play areas for small and larger						
	and types of jungle gyms play areas						
	and upes of ginete gryns						
	2. What do you like least about the park?						
	- The bathwoms We need to be able to see the						
	- Not enough reating for adults entrance						
	bathron Fran						
	3. Please provide your email address for project and web site the						
	updates ohiggins 30 eyahoo. um pa						
	PLEASE						
	MAJOR						
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	KRUSI PARK: Questionnaire						
	ALAMEDA, CA						
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	materials and making the suisburg as						
	The state of the s						
	Please and sporces stations along the						
	paths.						
	2. What do you like least about the park?						
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	mer ware from the profiguration						
	3. Please provide your email address for project and web site						
	updates donandliba comerct-net						
De	5, 17 du is all very exciting - THANKS!						

ALAMEDA, CA
1. What do you like best about the park?  ahildrans play areas
community group piencs Lallparks
2. What do you like least about the park?  Drinking Fountains that don't work.
3. Please provide your email address for project and web site updates donandlike comeast-net
KRUSI PARK: Questionnaire ALAMEDA, CA
1. What do you like best about the park? Open area with lots of things to do. (present)
The new building and surroundings (future)
2. What do you like least about the park? The Small shack that looks very old. (present)
Not enough outside water fountains (future) (connected to building on outside?)
3. Please provide your email address for project and web site updates mednacot Chotmail.com

ent Pending

# KRUSI PARK: Questionnaire ALAMEDA, CA 1. What do you like best about the park? close by, sage, green. What do you like least about the park? wind 2. old restrooms Please provide your email address for project and web site updates KRUSI PARK: Questionnaire ALAMEDA, CA 1. What do you like best about the park? open character-limited fences, always people using the park - locals + not locals, large groups + individuals - The fark accommodates a diversity wers nichic arces, love the swings took tree that do be dimbed 2. What do you like least about the park? lack of entries, too much lawn, unsafe ofis by crossings lack of social seating + feer hang out arrias, more to Shaded seating Please provide your email address for project and web site

updates Melissa, evi Kson 24@ gmail, com

3.

ent Pending



### Krusi Park Renovation - Issues List

Questions following Focus Group Meetings 9/29/11 September 30, 2011

- Confirm restroom orientation/location vs. office location.
- 2. Confirm need for AT&T access improvements for maintenance. Increased pathway width from Otis Street? Will specific improvements/damage be funded by AT&T or City? Do we need to provide cherry picker access on paving? How is this managed currently?
- 3. Access control from Otis Street to prevent driving in park area? On also secure High St. with bollard after maintenance building area.
- 4. Rocks or planting to stop vehicular access to park (also bollards). Beneficial for play areas as well: helps parents / care providers to delineate an edge of the park IE: "ok you can play in this area, but don't go past the rocks".
- 5. Shed removed. Is it to be replaced with another shed (Tuff Shed or similar). If no, can storage be in the existing maintenance building only? Or is more storage needed in the new park building?
- 6. Bike Parking under existing pine tree, not by dugout at ball field.
- 7. Field users want a batting cage. Recommended location is adjacent to the ball fields.
- 8. Storage boxes at backstops were previously used, but get stolen. Suggest site-built wood boxes on back of backstop with a continuous hinge and lock.
- 9. Trees & mound closest to ball fields a problem for ball users group. Recommend elimination of mound here.
- 10. Some users would like a dog run area. (not recommended...go to Washington Park instead)
- 11. Mention of importance of lawn area for open play. Ball field user group needs turf for ball fielder practice areas.
- 12. Electrical outlets: at two (2) at back stops closest to park building (separately circuited). If batting cage is in the future, provide power there as well (or stub out for extension to future cage).



# **Krusi Park Renovation Meeting Notes**

Focus Group Meetings 3:00 pm – 9:00 pm - Otis School Multi-Purpose Room September 29, 2011

### **Otis School Focus Group Comments:**

- 1. Liked the shared emergency access.
- 2. Need access improved from school.
- 3. Provide measured walk in park for school and public use.
- 4. Provide educational opportunities in park.
- 5. Provide after school program space in park building.
- 6. Provide a 'wet' floor for art programs.
- 7. Concerned about increased use and conflict with rented areas (want public picnic areas).
- 8. Concerned about tree removals:
  - Existing tree issues with Myoporum Thrips, tree hazards, and trees at the "end of useful life" will need to be removed.
- 9. Conflict with school/public use (keep use areas clear).
- 10. Need to have and use BBQs in park. It is against park rules to bring your own BBQ.
- 11. Need more shade at tiny tot/ little kids swings.
- 12. Restrooms on playground side preferred; enables parents at playground to clearly see children heading to and from restroom facility. Concern about restrooms on the ball park side of building, as parents don't get clear sightlines to the restroom and watch their kids coming to and from restroom facility.
- 13. Safety! Security! Visibility! Important.
- 14. Access/revenue use inside and outside; flexible uses.
- 15. Will Parks & Recreation use building for other activities? For groups.
- 16. When will it be ready? By 2012 School year.
- 17. Playground flooding ARPD is fixing
- 18. Add shade to small swing areas.
- 19. Cold wind from beach: want heaters in trellis.
- 20. Softball container is temporary pending storage improvements.

#### **Sports Focus Group Comments:**

- 1. Small containers were broken into so larger container is now in use. Suggested wood boxes on back of backstop with a continuous hinge and lock.
- 2. May want to add storage to building for concession, for ballfields, concession materials will move to building from current container.
- 3. Green container may not be permanent; located for lowest visual impact.
- 4. Need batting cages to help free up fields for use.
- 5. No side practice areas.
  - Limited seating at ballfields
  - Limited access around fields
  - Recycled wood vs. Reclaimed wood

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- Electric power on the fields
  - a. One (1) at each backstop for fields 3 and 4.
- 6. Restrooms:
  - Metal stainless steel fixtures
  - Paintable CMU smooth
  - Sensor only on wall rest is behind chases
  - Auto door system a problem. Do not use.
  - Side walls of CMY for screening
  - Lighting
- 7. Public Works maintains building so contact PWD for building maintenance. All repairs by PWD. They use best lock system.
- 8. Rainmaster vs. Card
  - St. STL/ Truegreen/ By NE corner of Tennis courts
- 9. Park's jug-fillers a problem. Do not use.
- 10. Promote concession water sales
- 11. Wall hydrant in restrooms locked for maintenance use only.
- 12. Provide a janitor closet with floor sink.
- 13. Stainless Steel cabinets and counters in concession.
- 14. Concrete floors (sealed).
- 15. Sports group supports adding new restroom and concession to new building for reduced cost but concession need to be oriented toward ballfields.

#### **Public Focus Group Comments:**

- 1. No light to residences, please.
- 2. Vandalism of lights can be a problem if too low or too fragile.
- 3. Suggested non-removable bollards to control vehicular access off of public streets into park.
- 4. Access to cell towers for AT&T, which damages lawn, widen path.
- 5. Hedge barrier and bollards at Otis Street behind sidewalk, not near curb, for car access control.
- 6. Repair deposit prior to park access for AT&T.
- 7. On field bounce-house castle liability issue. Need permit/ liability release. City not liable.
- 8. Cherry picker access for AT&T at east and west ends of tennis courts.
- 9. Site controls keep kids in, keep cars out. Consider barriers.
- 10. Maybe a ranch fence or boulders could be used as a line of demarcation for the edge of the park.
- 11. Possibly add dog area and dog run to park. People have to go over bridge to farm for a dog park.
- 12. East edge of Park near cell tower enclosure turf in bad condition, not well-used/useable are of park.
- 13. Adding lighting would be good, as safety is an issue.
- 14. Add alternative color AC paths
- 15. Consider more path lighting all over park.
- 16. Storage sports use keep existing container, make wood (durable/ maintainable) siding/ enclosure with roof to lower, protect and maintain existing ventilation.
- 17. Tuff Shed container could replace dilapidated storage shack at east edge of park near tennis by Poplar trees (all to be removed).
- 18. Safety at restrooms important.
- 19. Fixture at bathrooms: no-touch fixtures?
  - Sensor soap, water, water closets, urinals, all stainless steel fixtures. Sensors within plumbing chase.
- 20. Observability between playground and restrooms very important to parents with multiple kids.

- 21. School gates should be unlocked at weekends. Now, they are locked so everyone has to walk around the school to get into the park.
- 22. Prefer interaction between children and parents during game; move bike racks to pine tree area.
- 23. Bleacher relocation to behind backstop is ok.
- 24. Traffic calming at Otis Street. Add ADA curb cut or remove mid-block crosswalk? ARPD to discuss with Public Works.
- 25. Encourage bike use; move away from dugouts and to pine tree area.
- 26. Mounds (Oaks and mound): access to restrooms
- 27. The mound closest to the ball field is a problem for ball players. It is too close and impedes their warm-up space. Needs to be moved/modified.
- 28. Need to balance ballfield and non-ballfield uses of park.
- 29. Sports groups would be ok with restrooms facing playground
- 30. What is best/most viewable location for restrooms? Need to study orientation.
- 31. Durable furnishings tables, etc. Would like picnic tables to be small enough to be covered with a plastic tablecloth; hard to do on the existing big concrete picnic tables.
- 32. Exercise stations/ par course was requested.
- 33. ARPD is studying adding par course to other parks.
- 34. Outdoor gym cluster or par course elements
- 35. Concession should not be a soda and candy source!
  - Limited/controlled concession use/access for user groups
- 36. Very windy park can be too cold under trellis. Could there be overhead radiant heat at the trellis?
- 37. Graffitti issues on split face; seal should be used to allow for maintenance of walls judicious use of split face.
- 38. Use paintable materials for graffiti proofing.
- 39. No cameras at building or light poles. ARPD has used re-locatable cameras when needed.
- 40. Cameras as deterrent to crime.
- 41. Solar panel vandalism/ theft issue?
- 42. Covered solar panels to prevent breakage from softballs?
- 43. What about motion sensor lighting at building?
- 44. Plantanus Racemosa: Anthracnose is an issue in Alameda. Would Western Cottonwood or new American Elm Variety might be better as an alternative. Elm hybrid: good fall color.
- 45. Native American Ohlone elements: Eagle, coyote, hummingbird story of life for Native Americans near park.
- 46. Shellmound at Mound Street. Historically significant.
- 47. Restrooms at Bayfront Park are successful.
  - Prefer CMU block between stalls; paintable to cover graffiti.
  - All plumbing and mechanical in chase behind wall.
  - Provide drains in bathroom floor
  - Split-faced block outside (sealed with anti-graffiti), or smooth and split face with anti-graffiti?
  - Smooth block inside for smooth walls
  - Use operable windows in restroom for ventilation?
  - Consider quarry tile floors rather than laminate/vinyl.
  - PWD use Best Lock for locks throughout City.
- 48. Radiant floors in MPR (multipurpose room) to be heated by electricity from solar panels.



#### Krusi Park Renovation Email Comments

Starting September 29, 2011 - Ongoing

#### Comment #1, 9/30/2011

Some thoughts after attending the Krusi Park meeting Thursday September 29th:

I'm very happy to see educational elements in the park and would welcome as many as possible.

The multi-purpose room has to have some soft-surfaces in it somewhere to keep it from being too loud when it is full of people

I am opposed to the V shaped roof as depicted in the "Design Process and Concepts" exhibit, and prefer the single-angle roof depicted in the G4 Building Program exhibit.

I'm not very excited about an entry-way having an I-beam as its central feature. I'd much prefer something like the Crown Memorial State Beach bath house as depicted on the "Context and Existing Park" exhibit

The concrete patio surrounding the building seems overly large. I appreciate there is a maintenance benefit to having concrete around the grills, but I don't see why it's necessary around the tables.

#### Comment #2, 10/28/2011

My wife and I live at \_\_\_\_ Otis, 4 houses away from the park. We use the park daily and there are many many dog owners in the immediate neighborhood who would appreciate a dog area in the park.

Also, some other types of adult activities like horseshoe pits, volleyball courts, bocci ball courts, etc. would be great.

#### Comment #3, 10/29/2011

We were not able to attend the first community meeting on September 29th. I've filled out the questionnaire but would like to be engaged in the community dialogue. I didn't see any other dates listed on your website. Will there be others? If so, (approximately) when will the next workshop(s) be held? I believe there are many many more neighborhood and Otis School families that would like to get involved in this exciting process.

Also, are there any trees that are slated to be removed in the near future as part of the park renovation?

#### Comment #4, 10/30/2011

If you overlay your page for sun and rain, onto page 7, showing the building, you will see that swinging the building a quarter turn to the right will cause the wind to blow the bbq smoke past, not into, the program room, provide a buffer for people outside, and make it possible for caretakers to at least see if the child made it to the bathrooms from the play area.

If, by native oak, you mean the CA Scrub Oak, then do consider that they are very brittle trees and drop whole branches unexpectedly due to their own weight or from children throwing a rope over a limb to swing. Also, their droppings are miserable to sit on even when they are covered by a blanket.

Thanks for posting the plans and notes.

#### Comment #5, 11/02/2011

I just wanted to take the opportunity to follow up with you both regarding the input we provided to you at the community presentation for the Krusi Park renovation with regards to the proposed design and to request several changes or additions.

I know you are getting ready for a presentation to the Recreation Commission soon so that the work can go out for bid, and I wanted to make sure our needs are addressed or at least presented and hopefully included in the plans. As you know, Krusi is our home field and this renovation will have a huge impact on our sports program for many years to come. As a group, we are very excited about this project, thank you for your efforts.

Please review the items below and feel free to contact me with any questions.

#### Showcase for Trophys/Softball Announcements

I discussed with the architect the possiblilty of including a trophy case in one of the outside walls of the building that face the softball fields for the league to display tournament trophys. I believe we discussed a recess about 18" deep and approxamately 5' x 5' in size with access from the rear to arrange the contents via a pair of sliding or hinged doors. We currently have no way to display these items and we have attended tournaments at various fields where this kind of "showcase" was built into the main building or snack bar wall.

#### Storage space in the Kitchen

We realize the kitchen will be a shared facility, so please ensure that there is sufficient locked storage space for not only food but also things like soda dispensers, hot dog and bun warmers, nacho and soft pretzel warmers, etc. Has any consideration been given to provide space for a small ice machine?

The current need to move equipment around on a daily or weekly basis makes it very difficult to run an efficient and professional looking snack bar, and truthfully, the new snack bar is a very exciting and long awaited event for our league so we want to make sure that our needs in the new building are taken care of.

#### Batting Cages.

I know that tis item was noted during the earlier meeting when our field manager attended the Sports Groups portion of the meeting, but I don't believe there was any discussion. During the session I attended the architect and I discussed locating a double wide batting cage adjacent to the existing tennis court fence on the playground side of the tennis courts (this is the NW side toward the new building). By utilizing the existing tennis court fence for one long side of the cage, construction expenses could be reduced considerably. Since the current plan includes planting new shrubs along that fence with the rain garden, this would not have to change if the new plantings and rain garden were along what would be the new batting cage fence, just offset the width of the batting cages from the existing fence. Including batting cages in the new park plans is almost the equivalent of adding a 5th softball field for us, because this would allow us to move 25% of our team practices off of the fields and into the cages.

#### Area Behind Field 4 Backstop

Please be aware that the backstop area on field 4 becomes very congested during games, probably due to several factors. 1) We play the majority of our 8U games on this field, and at this age we tend to get additional parent/grandparent turnout to watch the games. 2) This field is closest to the snack bar, so it is natural for folks to come over, get a coffee and donut then watch the game there while eating and talking to friends. 3.) The entrance at Court and Calhoun is easily the most heavily used park entrance because of its proximity to the fields, restrooms, snack bar and play area and parking that is much easier than fighting the heavy traffic on High Street and accessing the park from that side. The popularity of this entrance will probably not decrease with the renovation. The current location shown for the relocated bleachers will crowd the area near the entrance to the 3rd base dug out. The close proximity of the large tree behind the backstop in this area may make it difficult to route a path behind the bleachers and in front of the tree. The area behind the relocated bleachers may become very crowded. Also please consider placing a row of benches along the outer edge of the path behind the backstop under the existing tree.

Picnic Mound and plantings between field 3 and field 4.

As we mentioned during the community meetings the "mound" area near the south of the new building may well be located too close to the foul lines and fields. This area is also heavily used by teams warming up prior to games, while another

CARDUCCI & ASSOCIATES, INC. 555 BEACH STREET. SAN FRANCISCO, CA 94133 (415) 674-0990 FAX (415) 674-0999 www.carducciassociates.com krusipark@carducciassociates.com

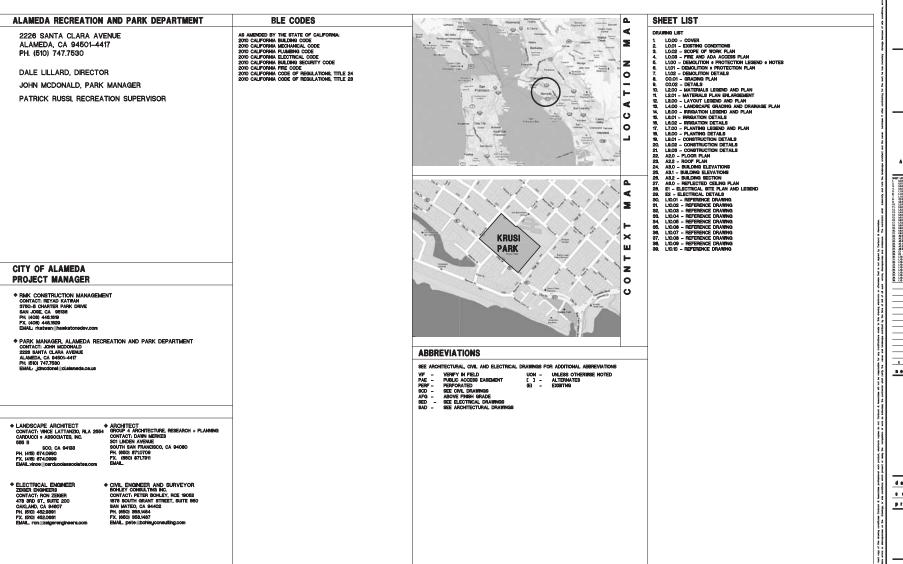
11-14-2011: PRELIMINARY CONSTRUCTION DRAWINGS



# KRUSI PARK RENOVATION

900 MOUND STREET ALAMEDA, CALIFORNIA 94501

#### CONSTRUCTION DOCUMENTS



CARDUCCI & ASSOCIATES, INC.

LANDSCAPE ARCHITECTURE PLANNING
I BERIGATION DESIGN URBAN DESIGN
I BERIGATION DESIGN URBAN DESIGN



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CITY OF ALAMEDA ALAMEDA RECREATION AND PARK DEPARTMENT

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KRUSI PARK

DOO MOUND STREET
ALAMEDA, CALIFORNIA 94801



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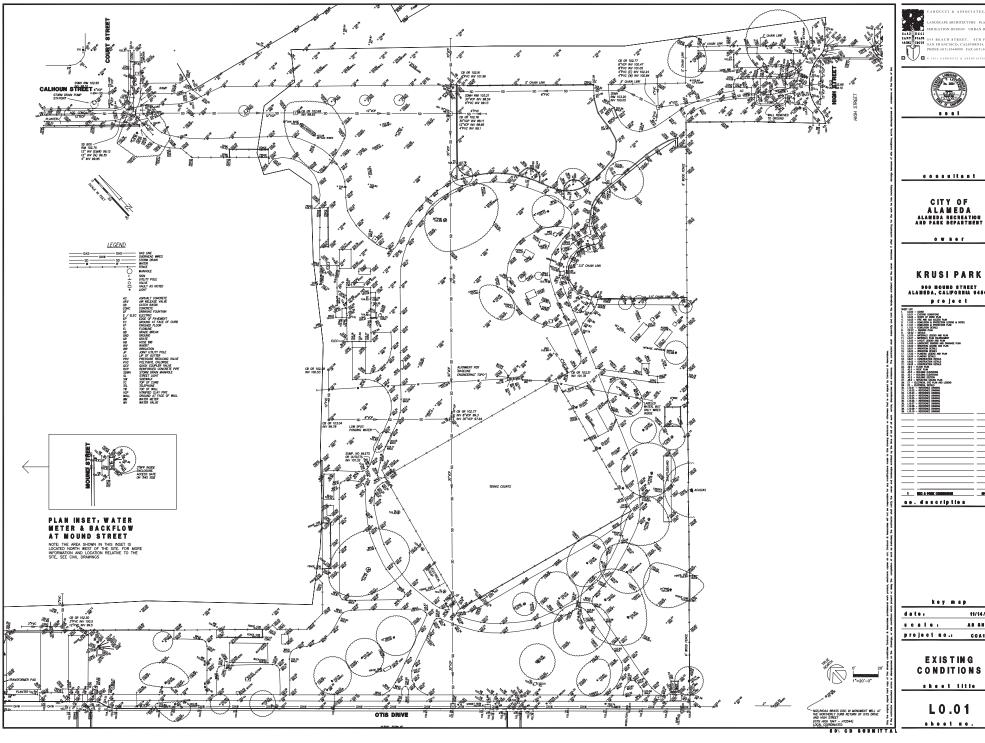
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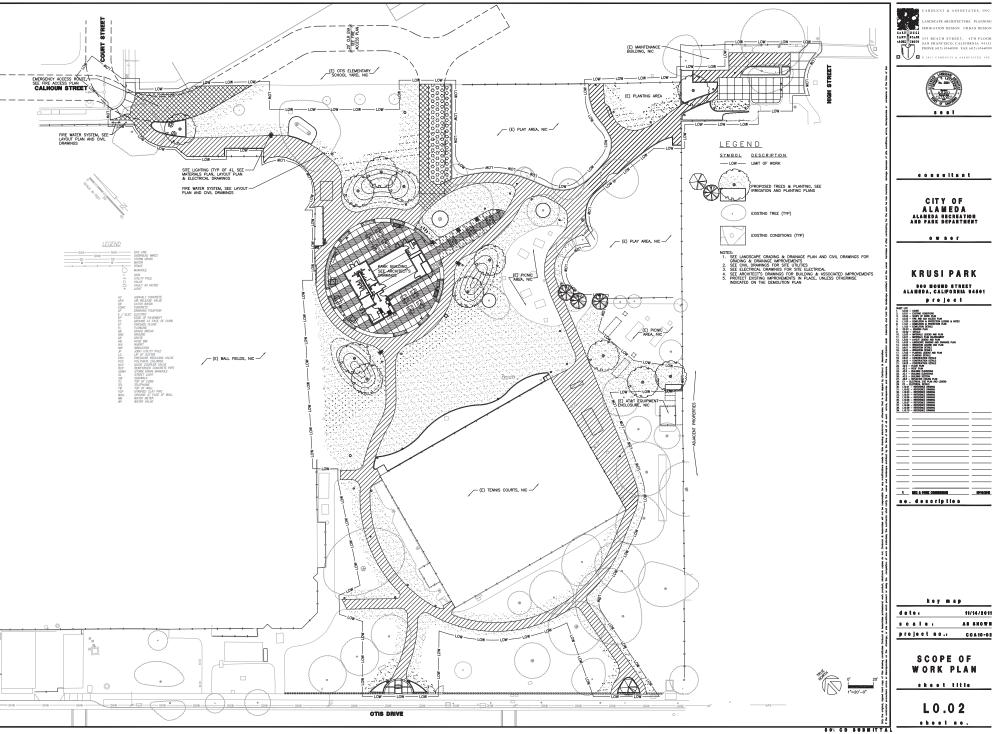
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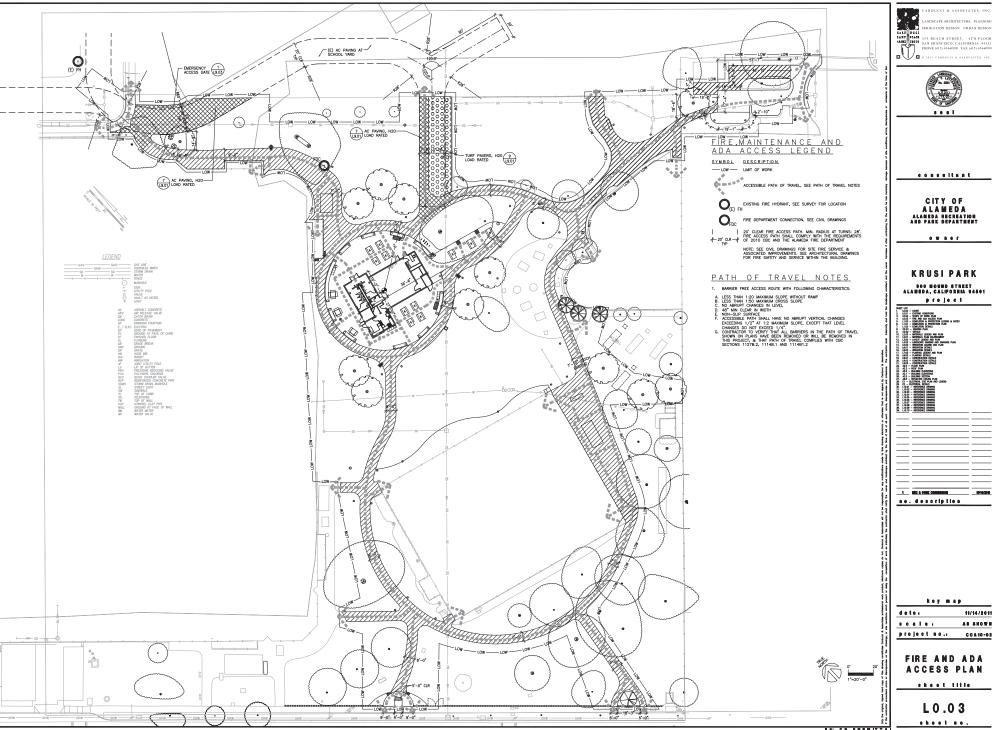
KRUSI PARK 900 MOUND STREET Alameda, California 94801



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> SCOPE OF WORK PLAN

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KRUSI PARK 900 MOUND STREET Alameda, California 94801 project



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## DEMOLITION LEGEND SYMBOL DESCRIPTION - LOW - LIMIT OF WORK TEMPORARY CONSTRUCTION FENCE TO REMAIN IN PLACE FOR THE DURATION OF CONSTRUCTION AND MAINTENANCE PERIOD, PLACE GATES AT LOCATIONS APPROVE BY THE PROLECT MAMORE, ADUST FENCE LOCATION AS REQUIRED, PRESERVE ACCESS ROUTE AND PARK ACCESS BEYOND THE LIMIT OF CONSTRUCTION FENCE HAT ENTER ATISFACTION OF THE OWNER. CONSTRUCTION FENCE SHALL BE FER DETAIL. (E) TREE TO REMAIN, PROTECT IN PLACE SOIL, ROOTS, AND TREE REMOVE EXISTING TREE AND ROOTS COMPLETE PRIMARY CONSTRUCTION VEHICLE ACCESS PROTECTED INLET FIBER ROLL AT NEW DRAINAGE INLETS SAW CUT & REMOVE (E) AC PAVING FOR REPLACEMENT SAW CUT & REMOVE (E) CONCRETE PAVING FOR REPLACEMENT REMOVE (E) DECOMPOSED GRANITE PAVING STABILIZED CONSTRUCTION ENTRANCE NOTE: SEE SWPPP FOR ADDITIONAL DUST, EROSION AND SILTEN CONTROL S (E) DEMOLITION GENERAL NOTES SEE PLAN FOR LOCATIONS CUT & CAP SANITARY SEWER AT EXISTING BUILDING FOR RE-CONNECTION. SEE ARCHITECTURAL, PLUMBING, AND CIVIL DRAWINGS. FIELD VERIFY LOCATION. REMOVE (E) IRRIGATION CONTROLLER (WITHIN BUILDING), PROTECT (E) RRIGATION CONTROL WIRES, MAINTAIN CONNECTION TO EXISTING VALVES, PULL WIRES TO EXTERIOR OF BUILDIONS, COIL, & PROTECT IN PLACE WITHIN A TEMPORARILY SECURED CONCRETE PULL BOX, SEE IRRIGATION PLANS FOR NEW CONTROLLER LOCATION AND RE—CONNECTION OF EXISTING WIRING. 4) PROTECT IN PLACE (E) IRRIGATION MAIN LINE, WIRING, VALVES AND VALVE BOXES. (E) IRRIGATION VALVES TO BE RE-LOCATED, SEE IRRIGATION PLAN 6 REMOVE EXISTING BUILDING COMPLETE. 7 SALVAGE & PROTECT EXISTING BLEACHERS FOR RELOCATION. SEE MATERIALS PLAN FOR RELOCATED POSITION & INSTALLATION. SALVAGE & PROTECT EXISTING BENCH, SEE MATERIALS PLAN FOR RELOCATED POSITION AND INSTALLATION. SALVAGE & PROTECT EXISTING TRASH FOR RELOCATION. SEE MATERIALS PLAN FOR RELOCATED POSITION & INSTALLATION. SALVAGE & PROTECT EXISTING BIKE RACK FOR RELOCATION. SEE MATERIALS PLAN FOR RELOCATED POSITION & INSTALLATION. 12) REMOVE (E) CONCRETE PAD & ASSOCIATED FLAG POLE FOOTING. 13 REMOVE (E) TREE STUMP & ROOTS COMPLETE. (14) REMOVE (E) BOLLARDS & FOOTINGS COMPLETE. (15) PROTECT IN PLACE (E) PARK SIGN. (17) REMOVE (E) DRINKING FOUNTAIN. 18 PROTECT IN PLACE (E) BALL FIELD AND ASSOCIATED IMPROVEMENTS. (19) PROTECT IN PLACE (E) LIGHT. 20 PROTECT IN PLACE (E) WALL. REMOVE (E) WALL FOUNDATION AS INDICATED TO 6" BELOW GRADE FOR NEW PAVING. PROTECT IN PLACE (E) CONC BAND AND FENCE 24) PROTECT IN PLACE (E) PAVING. 25) PROTECT IN PLACE (E) PLANTING. 26) PROTECT IN PLACE (E) CURB. PRUNE (E) OAK. REMOVE DAMAGED BRANCHES. PRUNING SHALL BE PERFORMED BY A LICENSED ARBORIST. SEE TREE PRESERVATION & PROTECTION NOTES. 28) REPAIR (E) CURB RAMP IN KIND & PER CITY STANDARDS. 29) PROTECT IN PLACE (E) SIGNS & FURNITURE 30 SALVAGE & PROTECT (E) TENNIS STORAGE LOCKER. SEE MATERIALS PLAN FOR RELOCATION & INSTALLATION. (31) PROTECT IN PLACE (E) RAMP 32) PROTECT IN PLACE (E) SCHOOL BUILDING (33) REMOVE IVY COMPLETE

36 SALVAGE (E) "END OF STREET" CAUTION SIGN & RELOCATE AS SHOWN ON THE MATERIALS PLAN.

#### DEMOLITION GENERAL NOTES

- REMOVE VEGETATION AS REQUIRED FOR GRADING AND IMPROVEMENTS WITHIN LIMIT OF WORK. PROTECT FROM DAMAGE INCLUDING BUT NOT LIMITED TO DAMAGE FROM EQUIPMENT, LOCK OF IRRICATION, OR IMPROPER EROSION CONTROL. CONTRACTOR SHALL DOCUMENT EXISTING CONDITIONS AND RESTORE IN KIND.
- C. CONTRACTOR SHALL REPLACE ANY BROKEN OR CRACKED ASPHALT PAVING IN KIND WITHIN THE LIMIT OF WORK.
- D. PROTECT & MAINTAIN IRRIGATION SERVICE TO ALL (E) IRRIGATION. REPAIR DAMAGE TO (E) SYSTEMS TYP.
- E. DAMAGE TO AREAS OUTSIDE OF LIMIT OF WORK CAUSED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST.
- F. COMPLETELY SECURE CONSTRUCTION AREA WITH TEMPORARY CONSTRUCTION FENCING, ADJUST LOCATIONS AS REQUIRED. REMOVE TEMPORARY FENCING COMPLETELY ONCE ACCEPTABLE TO THE CITY TO DO SO.

- I. SAW CUT AND DEMOLISH (E) AC PAVING, CONCRETE PAVING (CUT TO NEAREST JOINT), AS REQUIRED FOR IMPROVEMENTS.
- J. REMOVE (E) STORM DRAIN SYSTEM UNDER THE EXISTING SYNTHETIC TURF FIELD, TYP.
- K. OVERLAP CONSTRUCTION FENCE WITH (E) FENCE AS REQUIRED TO SECURE THE CONSTRUCTION SITE.
- WITHIN THE LIMIT OF WORK, CLEAR AND GRUB TO REMOVE (E) STAR THISTLE, MUSTARD, AND OTHER NOXIOUS WEEDS AND INVASIVE PLANTS. MAINTAIN AREA INSIDE LIMIT OF WORK SO THESE PLANTS DO NOT REESTABLISH. COORDINATE ADJACENT
- M. SEE LO.04 TO LO.11 FOR PRIOR WORK WITHIN THE PROJECT AREA. PROTECT (E) IMPROVEMENTS IN PLACE UNLESS OTHERWISE NOTED.
- N. PROTECT IN PLACE EXISTING TREES, ROOTS AND SOIL UNLESS OTHERWISE SPECIFICALLY NOTED.
- O. PROTECT IN PLACE (E) DRAINAGE SYSTEM UNLESS OTHERWISE NOTED.
- PROTECT (E) IRRIGATION IN PLACE TYP. REPAIR AS REQUIRED. PROVIDE SUPPLEMENTAL TEMPORARY IRRIGATION AS NEEDED TO EXISTING SITE IMPROVEMENTS FOR THE DURATION OF THE DEMOLITION & CONSTRUCTION PROCESS.

#### EROSION CONTROL NOTES

- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED AS APPROVED BY THE INSPECTOR AND SPECIFIED IN THE SWPPP.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED FOLLOWING ALL STORMS TO ENSURE THAT ALL MEASURES ARE FUNCTIONING PROPERLY.

- . CONSTRUCTION ACTIVITIES SHALL HAVE EROSION AND SEDIMENT CONTROL MEASURES IN PLACE OR CAPABLE OF BEING PLACED WITHIN 24 HOURS. THE CONTRACTOR SHALL ENSURE THAT THE CONSTRUCTION SITE IS PREPARED PRIOR TO THE ONSET OF ANY STORM.
- THE CONTRACTOR SHALL ESTABLISH A SPECIFIC SITE WITHIN THE DEVELOPMENT FOR MAINTENANCE AND STORAGE OF EQUIPMENT OR ANY OTHER ACTIVITY HAIT MAY ADVERSELY CONTRIBUTE TO THE WINDER OUTLIFF OF THE RUNDET. THIS AREA SHALL HAVE A BENN LOCATED AROUND ITS PERMETER. THIS AREA SHALL BE RESTROED TO ACCEPTABLE CONDITION UPON
- 6. CONTRACTOR SHALL PROVIDE INLET PROTECTION AT ALL INLETS (NEW AND EXISTING) IN AREAS OF WORK
- CONTRACTOR SHALL PROVIDE WATTLES AT TOE OF SLOPE IN AREAS OF NEW WORK AND IN AREAS REQUIRED BY THE STORM WATER POLLUTION PREVENTION PLAN. (SWPPP).
- 8. CONTRACTOR SHALL MAINTAIN ALL WATTLES AND OTHER STORM WATER POLLUTION PREVENTION DEVICES THROUGHOUT CONSTRUCTION. REMOVE ALL BALES AND POLLUTION PREVENTION DEVICES AT THE END OF CONSTRUCTION AS REQUIRED.
- 9. PRIOR TO PLACEMENT OF FINISHED SURFACING, REMOVE TEMPORARY EROSION CONTROL MEASURES.
- 10. STORM WATER POLLUTION PREVENTION PLAN SHALL BE AVAILABLE ON SITE AT ALL TIMES.
- 12. PLACE STABILIZED SITE ACCESS AS REQUIRED AND APPROVED BY THE INSPECTOR.
- 13. THE SCHOOL DISTRICT SHALL PREPARE, SUBMIT, AND PAY FEES FOR THE SWPPP. THE CONTRACTOR SHALL FOLLOW THE REPORT AND MAKES ANY CHANGES NECESSARY TO PREVENT POLLUTION.

### TREE PRESERVATION & PROTECTION NOTES

APPRIASED VALUE:

IF A TREE'S DAMACED, A CERTIFIED ARBORST DETERMINES THE TREE APPRASAL, VALUE BY ADJUSTING A TREE'S BASIC VALUE BY
THE COUNCID, OCATION, AND SPECIES USING THE MOST RECENT EDITION OF THE GUIDE FOR PLANT APPRASAL, PUBLISHED BY
THE COUNCIL OF TREE AND LANGSCAPE APPRASERS. THE FORMULA USED SHOULD ALSO BE NOTED.

PROTECTIVE THE TRAVELE FOR THESE
PROTECTION TO BE THESE
THES

TREE PROTECTION ZONE OR (TPZ)

FIGH THE TO BE PROTECTED, SHALL HIVE A DESCRAFED TPZ IDENTIFYING THE AREA SUFFICIENTLY LARGE ENOUGH TO PROTECT

THE TERE AND ROTS FROM DISTURBANCE. THE TPZ AREA CAN BE DETERMINED BY THE FORMULA: ONE FOOT PPZ RICH OF

DAMETER, FOR EXAMPLE A 20" DOMETER THE SHALL HAVE A 20" FROUS FROM THE PERMICER OF THE TRUNK OR A 20 FOOT

TPZ. ANT DEMONITOR IN DETERMINENT BY TEXT BILL REQUIRE APPROVED, BY THE CONSTRUCTION MANAGER.

- A ACTIVITIES PROHERED WITHIN THE TPZ INCLUDENTESSAS, REFUSE, EDCANATO SPOLS OR DUMPNIG OF POSCHOUS MATERIALS, I. SECULDING BUT NOT LAWTED TO POINT PETROLEM PRODUCTS, CONCRETE, STUCCO MAY OR DRIVE WATER. THE LOUISING PROPERTY WATER SMALLAR FUNCTION WAS AN EXPERTY MANORINGE, AS A TEMPORARY POWER POLS, SOR POSTS OR OTHER SMALLAR FUNCTION SOTS BY UTILITY TENCHING, FOUNDATION DIGGING, PLACEMENT OF CURBS AND TRENCHES AND OTHER MISCELLANDIUS EXCHANGING PROPERTY ACT.

  4. SOIL DISTURBANCE, SOIL COMPATION OR GRADE CHANGES

  5. DRAWAGE CHANGES

- 8. ACTUTES FEMALTIC OR ROCHES WITHIN THE TP, INCLUDE:

  1. MALCHINE DIMEN GORFITHCHOIN, IT IS RECOMMENDED HAT WOOD CHIPS OR SMALAR MATERAL BE SPREAD WITHIN THE TRY TO A 2—NOTH DEPTH, LEANING THE TRIVING CLEAR OF MULCI.

  ROOT BIFFER WHEN AREAS WITHIN THE TPZ CANNOT DE FENCED, A ROOT BUFFER IS REQUIRED AND SHALL COVER THE 

  3. RIPOGRATION, ARRAITON, FERTILLENG OR OTHER BENEFICIAL PRACTICES THAT HAVE BEEN SPECIPICALLY APPROVED FOR USE BY THE LANSSOME ACHTER! WITHIN THE TPZ.

- C. ERCOSIA CONTROL.

  IF A TIPE OR SALECULT TO OR IN THE IMMEDIATE PROXIMITY TO A GRADE SLOPE OF 8% (2.3 DEGREES) OR MORE, THEN APPROVED ERGOSIA CONTROL OR SLT BARRERS SHALL BE INSTALLED OUTSIDE THE TPZ TO PREVENT SLTATION AND/OR ERGOSIAN WITHIN THE TPZ.

E. THEE PRIAMING AND SURGICITY

THE MOST COMMERTING REASON TO PRIME IS TO DEVELOP A STRONG, SAFE FRAMENORY AND THEE STRUCTURE AND TO REDUCE
HAZARDS. IF THE LANGSCAFF AGHITECT REGUMENTS THAT TREES BE PRIMED, THE STANDARD PRIMAND SHALL CONSIST OF
COMMERCE AND PRIMARY OF THE OF THE A PRIMARY GUIDELINE.

"". MANUAL PRIMARY OF THE OF THE A PRIMARY GUIDELINE".

MAXIMUM PRUNING MAXIMUM PRUNING SHOULD ONLY OCCUR IF APPROVED BY THE LANDSCAPE ARCHITECT. NO MORE THAN ONE FOURTH (25 PERCENT) OF THE FUNCTIONING LEAF, BRANCH AND STEM AREA MAY BE REMOVED WITHIN ONE CALENDAR YEAR OF ANY

F. THE REMOVAL PROCESSION.

WHICH TREES ARE REMOVED, THEE REMOVAL PRACTICES APPLY:

1. ANY TIERE TO BE REMOVED THAT MAY APPLY A HEITING TIRES SHALL BE DONE UNDER THE SUPERVISION OF A CERTIFIED

1. ANY TIERE TO BE REMOVED THAT MAY APPLY A HEITING TIRES SHALL BE DONE UNDER THE SUPERVISION OF A CERTIFIED

1. THE REMOVAL OF TREES THAT CORD HITD HE REMOVED OR FOOTS OF HEITING TIRESS SHALL NOT BE ATTEMPTED BY

CEMBER TO CONCINENT OF THESE THAT CHARD.

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CITY OF ALAMEDA ALAMEDA RECREATION AND PARK DEPARTMENT

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KRUSI PARK 900 MOUND STREET ALAMEDA, CALIFORNIA 94501



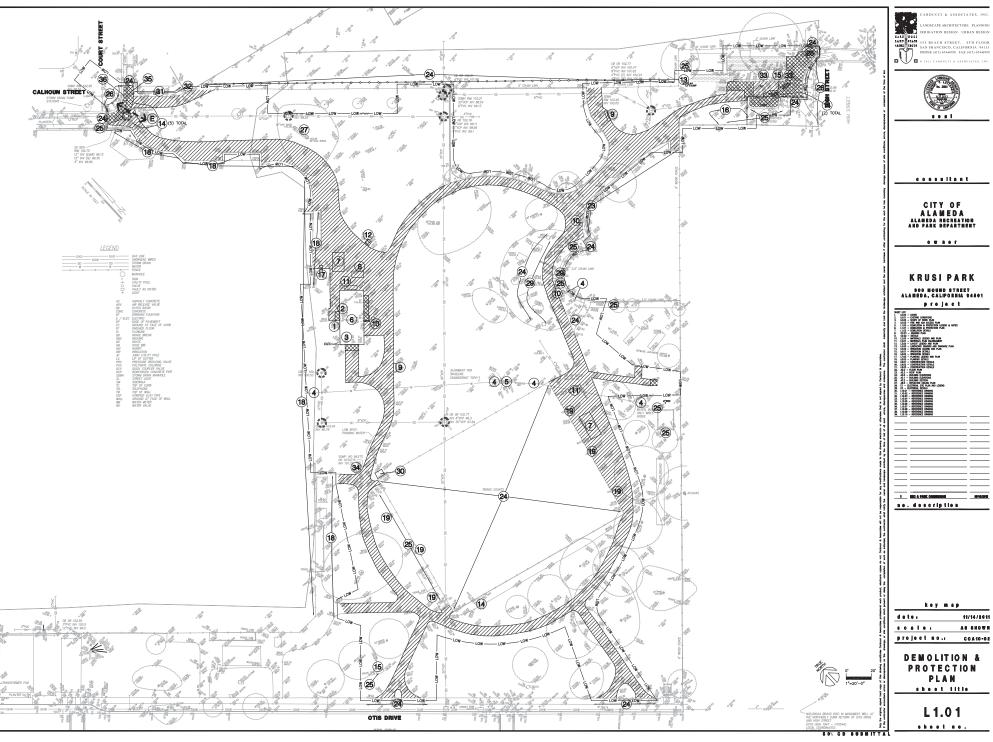
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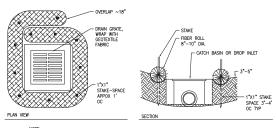
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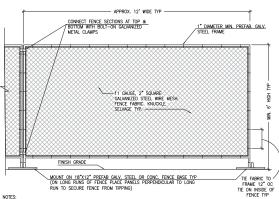
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NOTE:
1. FIBER ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE ROLL IN A TRENCH, 3"-5" DEEP, DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL. COMPLETELY ENCIRCLE CB OR DRAIN INLET WITH FIBER ROLL, TIGHTLY ABOUT ENDS. TEMPORARY FIBER ROLLS MUST BE PLACED ALONG SLOPE CONTOURS.

4 INLET PROTETION

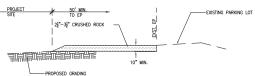


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NOTUBE WINDSCREEN AT TEMPORARY FENCING ALONG PROPERTY LINES AND GATES, AND WHERE EXISTING PROPERTY LINE FENCING DOES NOT PROVIDE SUFFICIENT SCREENING.

# 1 CONSTRUCTION & PROTECTION FENCE



THE PROPOSED GOODS OF CONSTRUCTION EDIFICATES SHALL BE CORRINATED WITH VINNER'S REPRESENTING, ALL THE PROPOSED OF CONSTRUCTION EDIFICATION OF CONSTRUCTION DEPOSED SHALL BE AMENIARED BY CONSTRUCTION OF THE PROPOSED OF TOWNS OF TO

2. WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAYS. IT SHALL BE DONE ON A WASH PACK THAT DRAWS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN. ALL SEDIMENT SHALL BE PREVENTED FROM INTERIONS ANY STORM DRAWN, DOTO, OR WATERCOURSE THROUGH THE USE OF INLET PROTECTION (E.G. SAND BASS OR OTHER APPROVED METHODS).

3. THE MATERIAL FOR CONSTRUCTION OF THE PAD SHALL BE  $2_2^{1}$ " -  $3_2^{1}$ " CRUSHED ROCK.

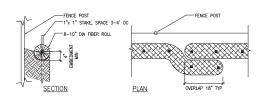
4. THE THICKNESS OF THE PAD SHALL NOT BE LESS THAN 10".

5. THE WIDTH OF THE PAD SHALL NOT BE LESS THAN THE FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS.

6. THE LENGTH OF THE PAD SHALL BE AS REQUIRED, BUT NOT LESS THAN 50'.

7. SEE DEMOLITION & EROSION CONTROL PLANS FOR LOCATIONS OF STABILIZED CONSTRUCTION ENTRANCES.

#### ENTRANCE STABLIZATION SCALE: 1 1/2" = 1' 2



NOTE:

1. FIRER ROLL INSTALLATION REQUIRES THE PLACEMENT AND SEQURE STAKING OF THE ROLL IN A TRENCH, 3"-5" DEEP, DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL.

3 FIBER ROLL EROSION CONTROL

RIGATION DESIGN URBAN DESIGN



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CITY OF ALAMEDA ALAMEDA RECREATION AND PARK DEPARTMENT

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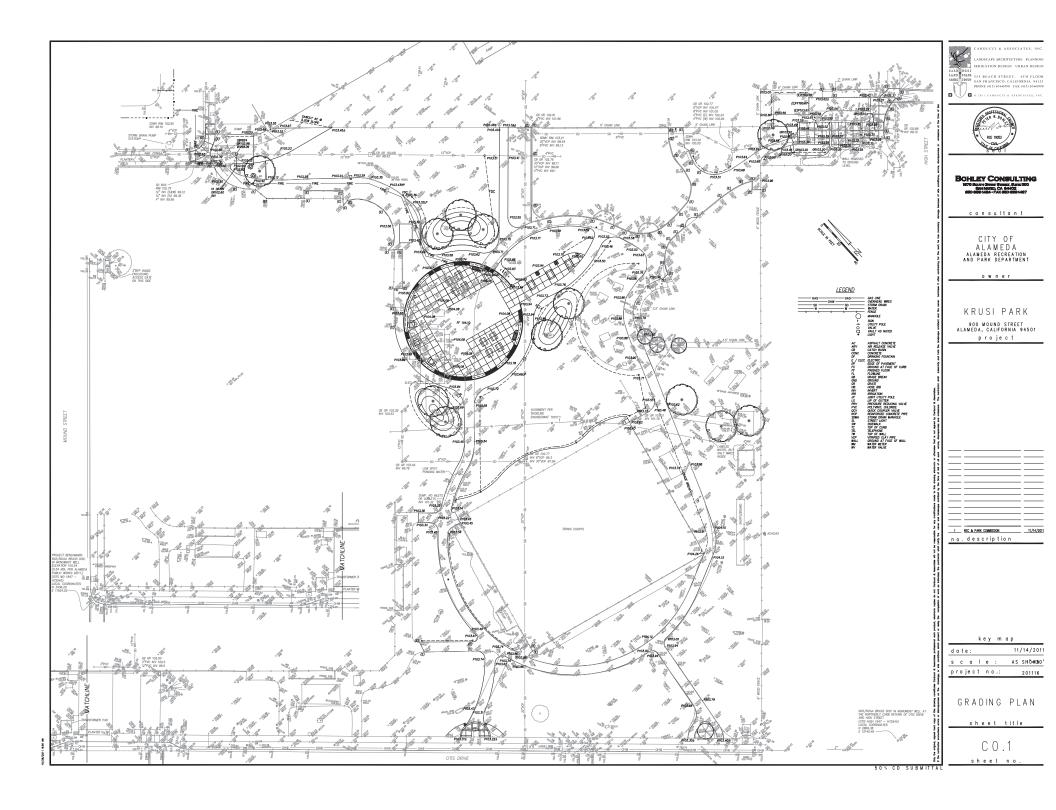
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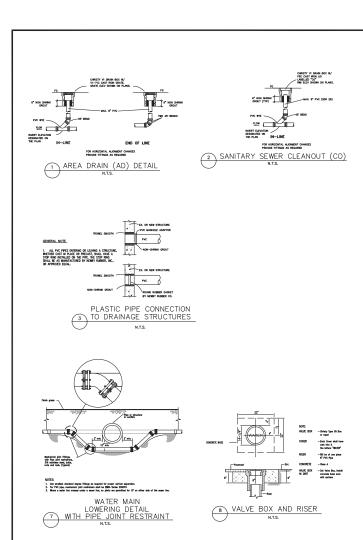
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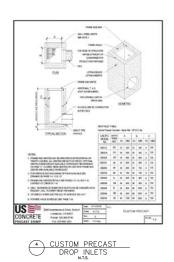
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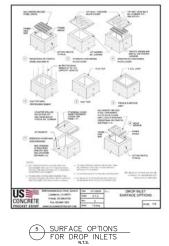
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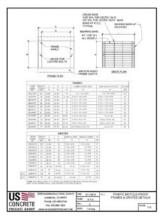
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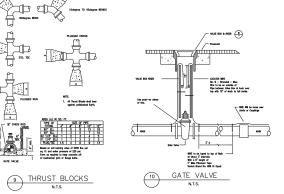


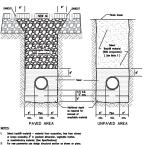






6 TRAFFIC (H20) BICYCLE— PROOF FRAMES AND GRATES FOR DROP INLETS N.T.S.





UTILITY TRENCH DETAIL
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LANDSCAPE ARCHITECTURE PLANS

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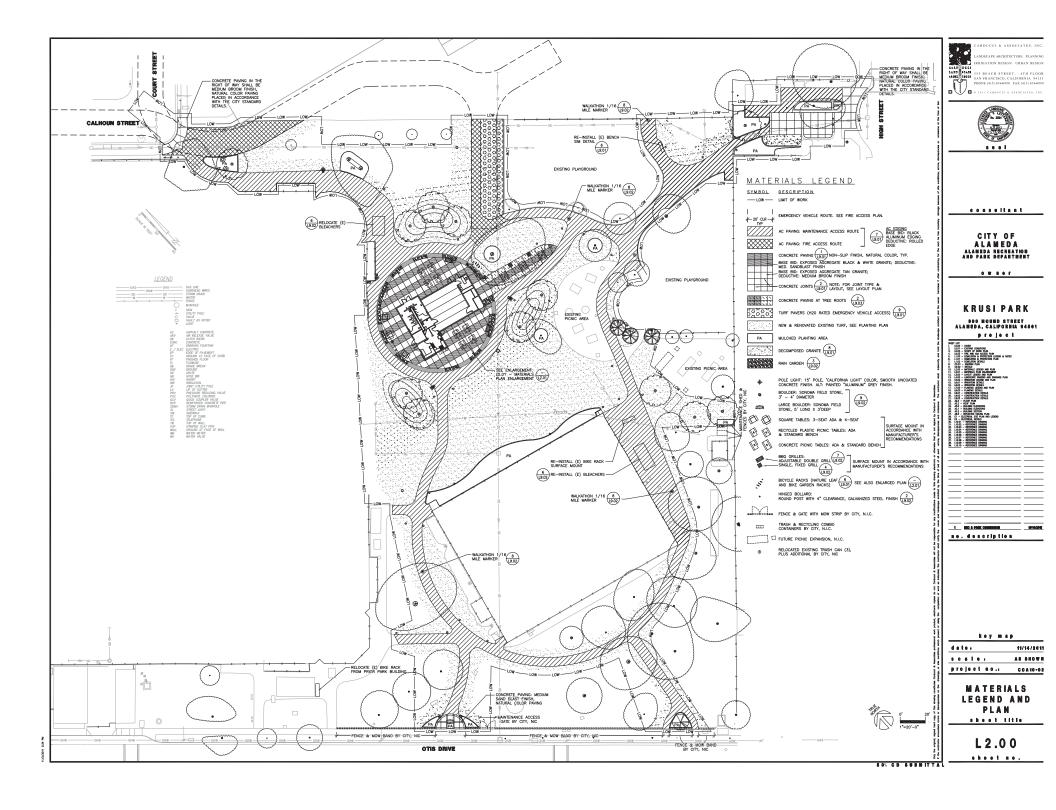
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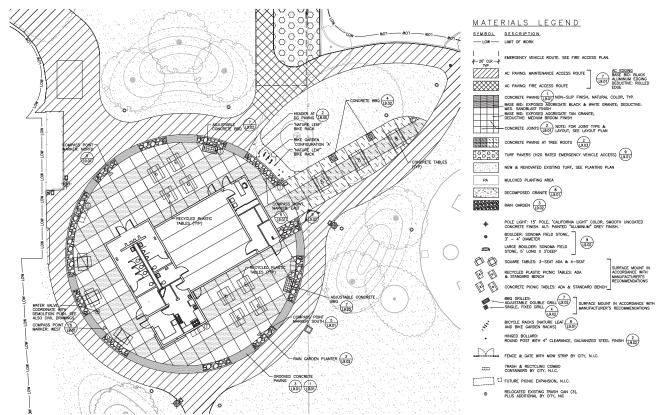
consultant

CITY OF ALAMEDA ALAMEDA RECREATION AND PARK DEPARTMENT

owner

KRUSI PARK 900 MOUND STREET ALAMEDA, CALIFORNIA 94501 project







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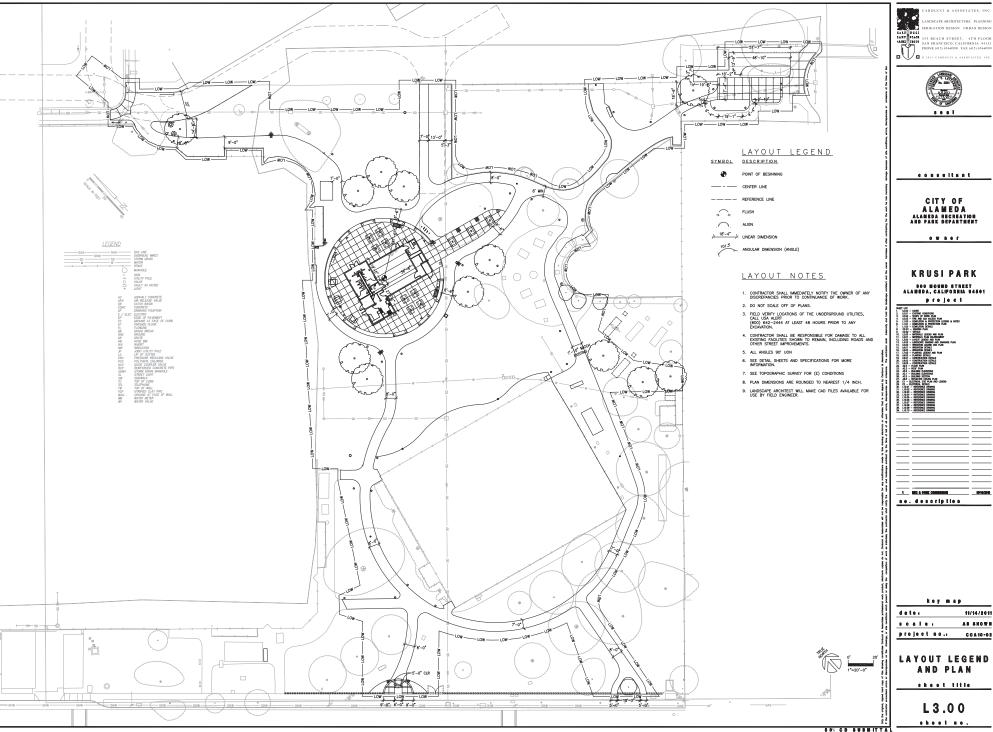
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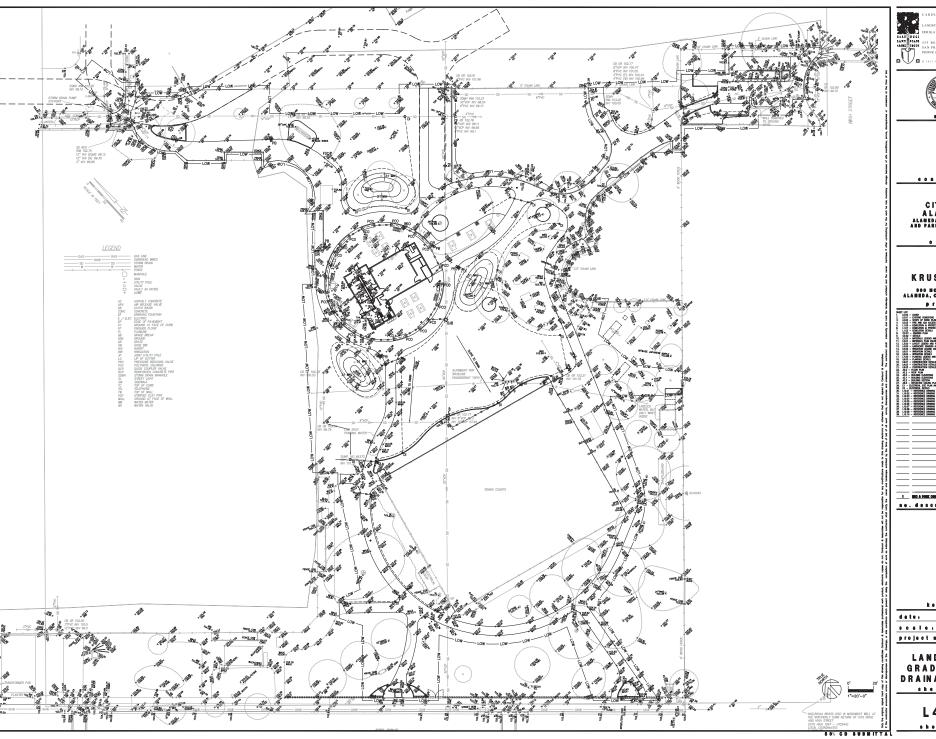


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KRUSI PARK 900 MOUND STREET Alameda, California 94801 project

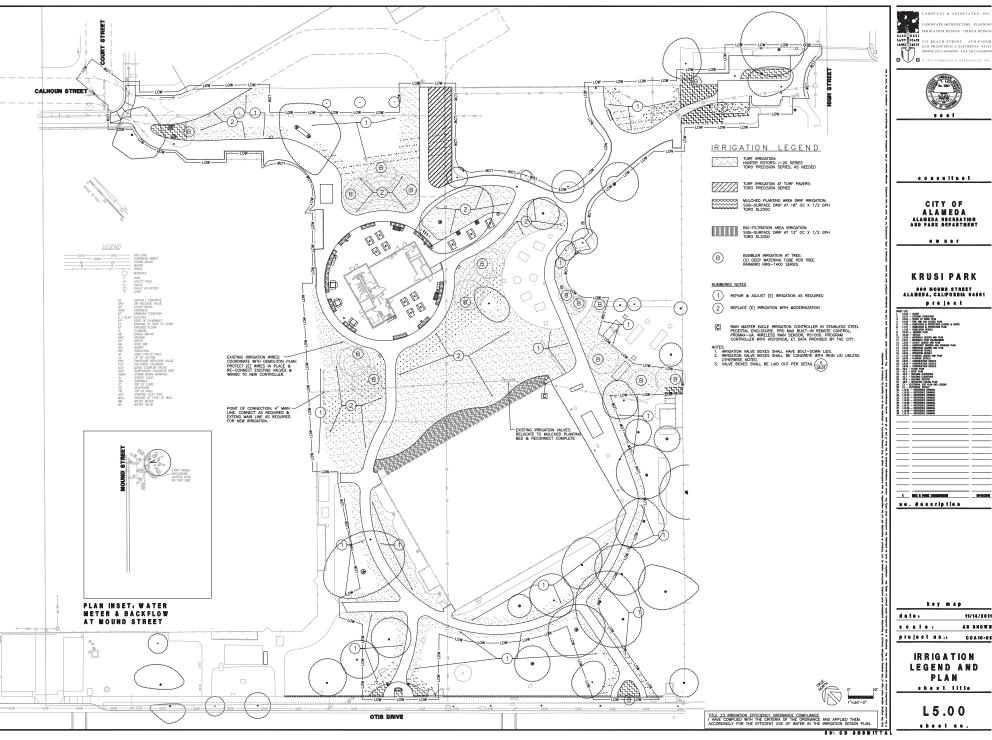


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LANDSCAPE Grading and DRAINAGE PLAN

L4.00



ARDUCCI & ASSOCIATES, INC



......

CITY OF ALAMEDA ALAMEDA RECREATION AND PARK DEPARTMENT

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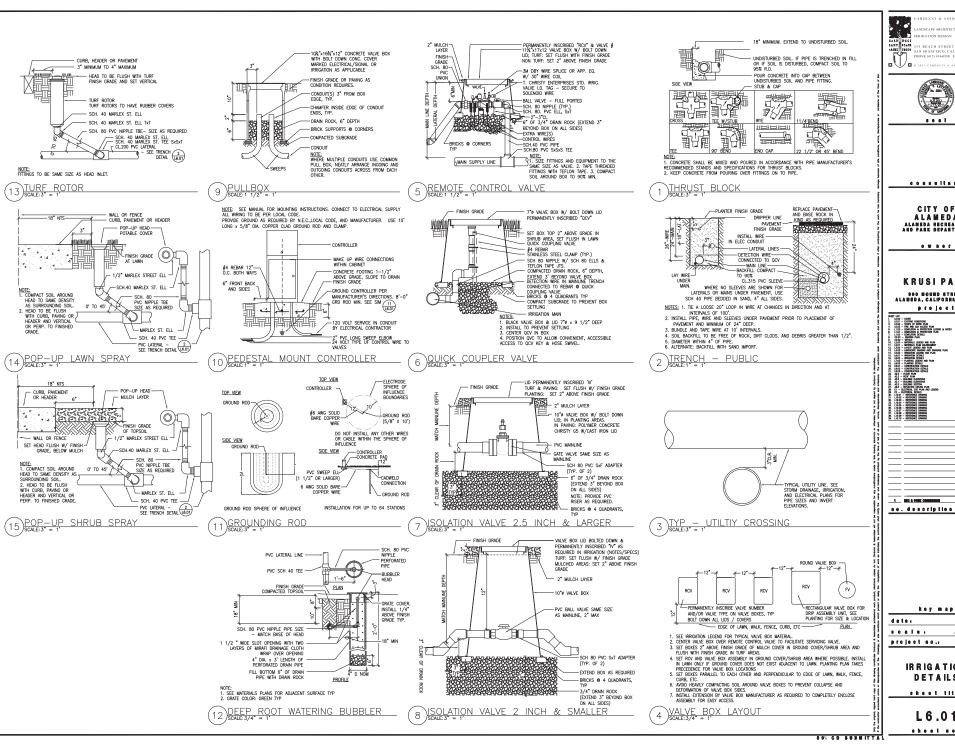
KRUSI PARK 900 MOUND STREET Alameda, California 94801 project

11/14/2011 deter . . . . . . AS SHOWN project no.: C 0 A 10 - 0 2

IRRIGATION

LEGEND AND PLAN sheet title

> L5.00 sheet se.



ARDUCCI & ASSOCIATES, INC ANDSCAPE ARCHITECTURE PLANNING RIGATION DESIGN URBAN DESIGN



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CITY OF ALAMEDA ALAMEDA RECREATION AND PARK DEPARTMENT . . . . .

KRUSI PARK

900 MOUND STREET Alameda, California 94501 project



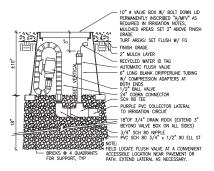
11/14/2011

. . . . . . AS SHOWN project so.: C 0 A 10 -02

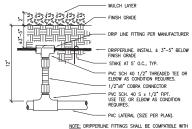
> IRRIGATION DETAILS

aheet title

L6.01 ..... ..

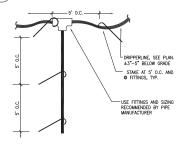


7 AUTO - MANUAL FLUSH VALVE

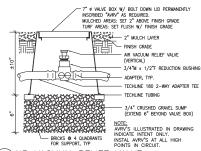


NOTE: DRIPPERLINE FITTINGS SHALL BE COMPATIBLE WITH DRIPPLERLINE PIPE.

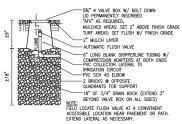
#### PVC TO DRIP CONNECTION 3



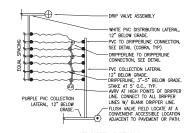
## DRIP TO DRIP CONNECTION



5 AIR VACUUM RELIEF VALVE

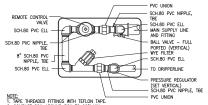


6 AUTO FLUSH VALVE



NOTE: DRIPPERLINE FITTINGS SHALL BE COMPATIBLE WITH DRIPPERLINE.

## 1 DRIP SYSTEM LAYOUT



NOTE.

1. TAPE THEFELEDE FITTINGS WITH TEFLON TAPE.

1. TAPE THEFELEDE FITTINGS WITH TEFLON TAPE.

1. TAPE THEFELEDE FITTINGS WITH TEFLON TAPE.

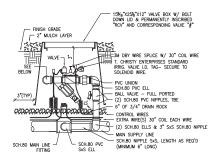
1. POST TO MALE VALVE CLEAP OF GRAVE.

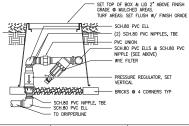
4. POSTION FILLET TO ALLOW SCREEN REMOVAL.

4. POSTION FILLET TO ALLOW SCREEN REMOVAL.

5. SET VALVE ON PEPERDINCILLAR TO PARAMENT, HADER, AND AS NOTED ON PLAN.

PLANTING TAYES PRECEDENCE OVER VALVE LOCATION. LOCATE SO AS NOT TO INTERFERE WITH PLANTING.





FLOW RATE 0.1 - 5.0 GPM 5.1 - 18.0 GPM 18.1 - 30.0 GPM PRESSURE REGULATOR
SENNINGER - 3/4"PMR-LF
SENNINGER - 1" PMR-MF
SENNINGER - 1 1/4" PR-HF FILTER AMIAD 1" SUPER FILTER W/ WEAVEWIRE 155 MESH SCREEM

2 DRIP VALVE ASSEMBLY

ARDUCCI & ASSOCIATES, INC ANDSCAPE ARCHITECTURE PLANNING RIGATION DESIGN URBAN DESIGN



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CITY OF ALAMEDA ALAMEDA RECREATION AND PARK DEPARTMENT

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## KRUSI PARK 900 MOUND STREET Alameda, California 94501



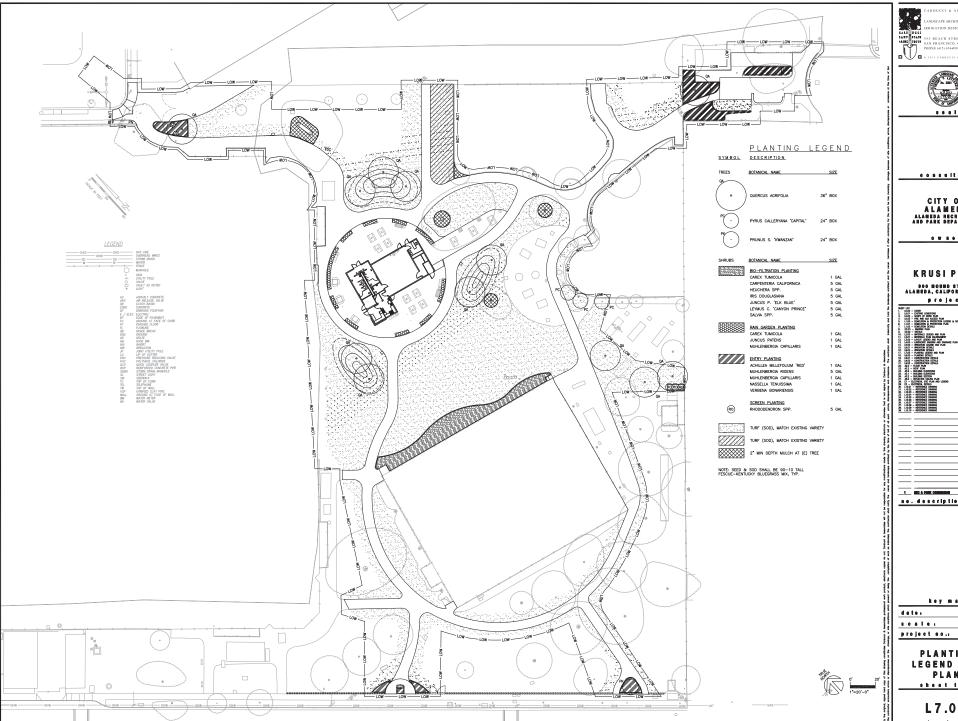
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date. 11/14/2011 . . . . . . AS SHOWN project so.: COA10-02

> IRRIGATION DETAILS

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CARDUCCI & ASSOCIATES, INC



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CITY OF ALAMEDA ALAMEDA RECREATION AND PARK DEPARTMENT

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KRUSI PARK 900 MOUND STREET Alameda, California 94501 project



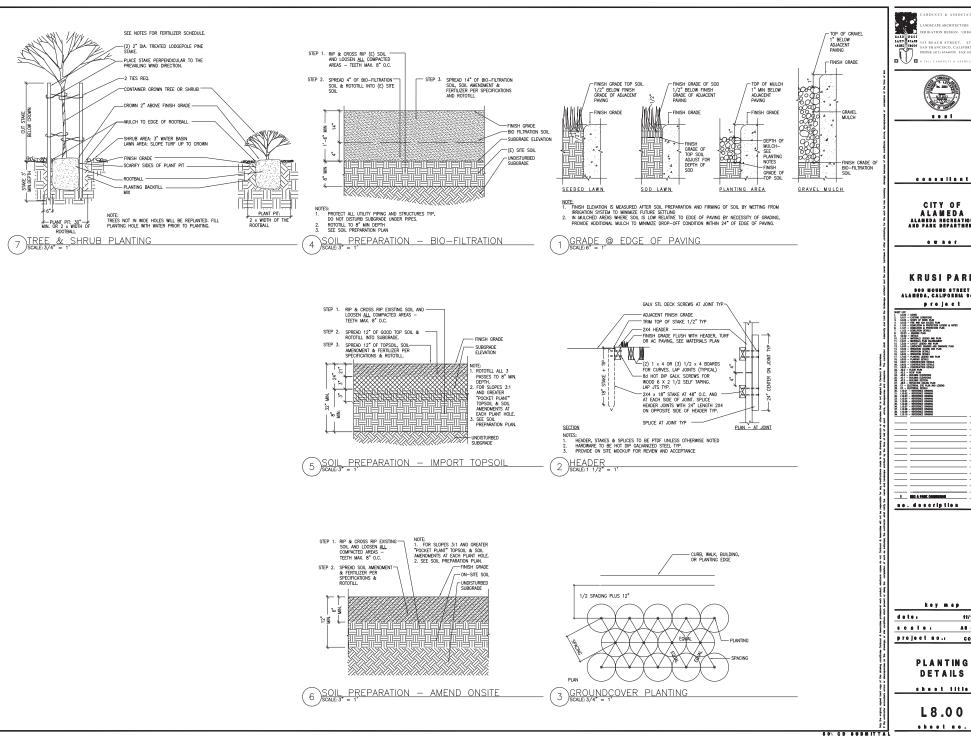
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deter 11/14/2011 . . . . . . AS SHOWN C O A 10 - 0 2

PLANTING LEGEND AND PLAN

> sheet title L7.00 ..... ...

80% CD SUBMITTAL



ARDUCCI & ASSOCIATES, INC RIGATION DESIGN URBAN DESIGN



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CITY OF ALAMEDA ALAMEDA RECREATION AND PARK DEPARTMENT

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KRUSI PARK 900 MOUND STREET Alameda, California 94501 project.



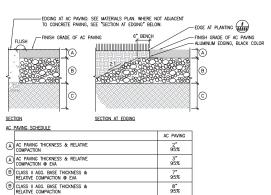


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project so. COA10-02

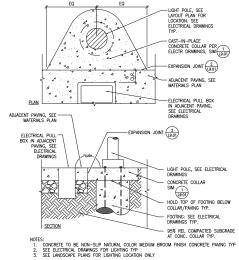
> PLANTING DETAILS

L8.00



8" 95%

12" 90%



SPEED DOWEL (9" AZTEC SLEEVE-OR EQUAL ONE END) @ 18" OC @ EJ TYP FINISH GRADE OF ADJACENT PLANTING CONSTRUCTION JOINT  $\mathbb{B}(\mathbb{C})$ 1/2"R TOOLED -EDGE TYP (F)-FINISH GRADE . EQ (A) ÆQ 0 CONNECTION AT (E) CONCRETE PAVING

	CONCRETE PAVING
CONCRETE THICKNESS	0'-5"
REBAR	#4
REBAR SPACING	2'-0"
CLASS II AGGREGATE BASE THICKNESS/ RELATIVE COMPACTION	4"/ 92% RC
COMPACTED SUBGRADE	90%
CONTROL JOINT DEPTH	0'-1.5"

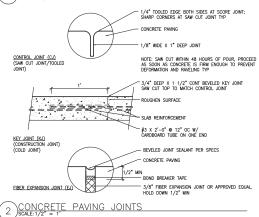
CONCRETE PAVING

- NOTES:

  1. NON-SUP FINSH TYP. SEE PLANS FOR COLOR & FINSH TYPE.

  2. SCORE JOINTS SHALL BE PLACED A MAX OF 5' GO OR AS SHOWN ON PLANS. Elis SHALL BE MAX 20' GO TYP, UNLESS OTHERWISE NOTED

  2.7 MAX CROSS SLOPE IN ALL MEAS WITHIN PAIR OF TRAVEL IF FIELD CONDITIONS CREATE MORE THAN 2% CROSS SLOPE ON AND POUR CONCRETE WITH OUT APPROVAL BY INSPECTION.



	1/4" TOOLED EDGE BOTH SIDES AT SCORE JOINT; SHARP CORNERS AT SAW CUT JOINT TYP
	CONCRETE PAVING
	1/8" WIDE X 1" DEEP JOINT
CONTROL JOINT (CJ) (SAW CUT JOINT/TOOLED JOINT)	NOTE: SAW CUT WITHIN 48 HOURS OF POUR, PROCEE AS SOON AS CONCRETE IS FIRM ENOUGH TO PREVEN DEFORMATION AND RAVELING TYP
1 * ' * 1	3/4" DEEP X 1 1/2" CONT BEVELED KEY JOINT SAW CUT TOP TO MATCH CONTROL JOINT
	ROUGHEN SURFACE
	SLAB REINFORCEMENT
KEY JOINT (KJ)	'∯3 X 2'-0" ® 12" OC W/ CARDBOARD TUBE ON ONE END
(CONSTRUCTION JOINT) (COLD JOINT)	- BEVELED JOINT SEALANT PER SPECS
	- CONCRETE PAVING
1/2" M	N - BOND BREAKER TAPE
FIBER EXPANSION JOINT (EJ)	<ul> <li>3/8" FIBER EXPANSION JOINT OR APPROVED EQUAL.</li> <li>HOLD DOWN 1/2" MIN</li> </ul>

GROOVED BAND	
CONC PAVING  CONC PAVING  A  A  A  A  A  A  A  A  A  A  A  A  A	
PROVIDE MOUKUP ON SITE FOR REVIEW & ACCEPTANCE     CONCRETE SHALL BE NON-SLIP FINISH, NATURAL COLOR, TYP.	

3 GROOVED CONCRETE PAVING

-FINISH GRADE OF STABILIZED (DG)
DECOMPOSED GRANITE PAVING, SEE
SPECIFICATIONS - FINISH GRADE OF DG: 1/4" BELOW ADJACENT PAVING, TYP 90% REL COMPACTION SUBGRADE 12" DEEP MIN TYP

SECTION

NATIVE MATERIAL THICKNESS & RELATIVE COMPACTION

7 AC PAVING

NOTES:

1. PROVIDE ON-SITE MOCKUP FOR REVIEW AND

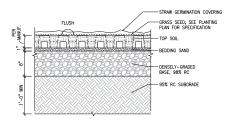
- ALIGN SYMBOL TO IDENTIFIED COMPASS DIRECTION - NORTH-EAST-WEST-SOUTH:
"N", "E", "W" & "S" AT EACH OF
THE FOUR COMPAS POINTS, AS
SHOWN IN PLAN. LIGHT SAND
BLAST FINISH, NATURAL COLOR 18 A -FIELD: HEAVY SAND BLAST FINISH, STAINED TERRA COTTA ADJACENT CONCRETE PAVING

CONCRETE COLLAR @ POLE LIGHTS

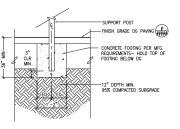
PLAN.
NOTE: PROVIDE ON-SITE MOCKUPS OF COLOR & FINISH FOR REVIEW & ACCEPTANCE

COMPASS POINT

5



SECTION. 9 TURF PAVERS



6 BIKE RACK FOOTING

SO% CD SUBM

. . . . . . . . . . . CITY OF ALAMEDA ALAMEDA RECREATION AND PARK DEPARTMENT . . . . . KRUSI PARK 900 MOUND STREET Alameda, California 94501 project. 

17. 1256 - PARRIEL ISBNO 40- FAST
18. 1256 - PARRIEL ISBNO 40- FAST
29. 1256 - PARRIEL ISBNO 40- FAST
20. 1256 - PARRIEL ISBNO 40- FAST
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ARDUCCI & ASSOCIATES, INC

RIGATION DESIGN URBAN DESIGN

deter 11/14/2011 . . . . . . AS SHOWN

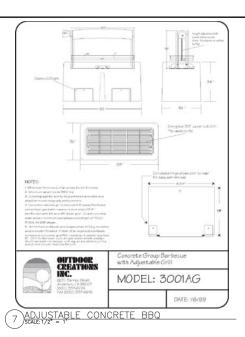
CONSTRUCTION DETAILS

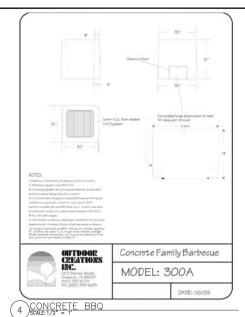
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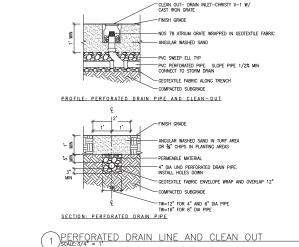
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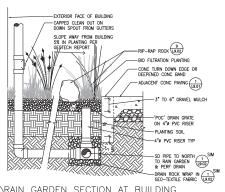
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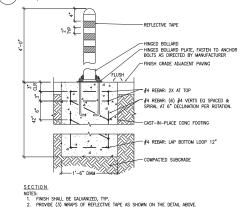
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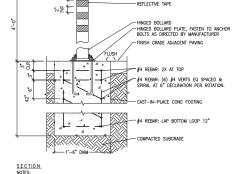


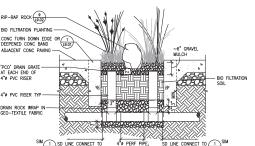


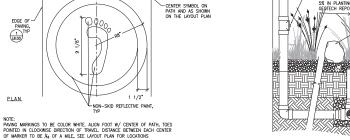


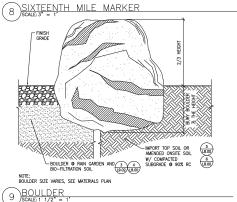












LOCATE AT BLEACHER RAILS, COORDINATE LOCATION W/ EXISTING BLEACHERS PRIOR TO REPLACEMENT PREDRILLED CONTINUOUS BLEACHER SUPPORT WITH 5/8" DIA. ANCHOR BOLT DOUBLE NUT AT BOTTOM WITH 2X2X1/4 PL WASHERS (6) PER SUPPORT, LOCATE AT PREDRILLED HOLES R 1/4\* TOOLED PROJECTION FINISH GRADE ADJACENT CONCRETE PAVING, HOLD FLUSH WITH PAVING TYP. - 12" BOLT EMBEDMENT - (2) #4 TIES 8 8 O.C. AT EACH ANCHOR BOLT - (4) #4 CONTINUOUS REBAR SECTION COMPACTED SUBGRADE

6 BLEACHER MOUNTING

deter 11/14/2011 . . . . . . AS SHOWN project so.: COA10-02

> CONSTRUCTION DETAILS

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CITY OF

ALAMEDA ALAMEDA RECREATION AND PARK DEPARTMENT

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KRUSI PARK

900 MOUND STREET Alameda, California 94501

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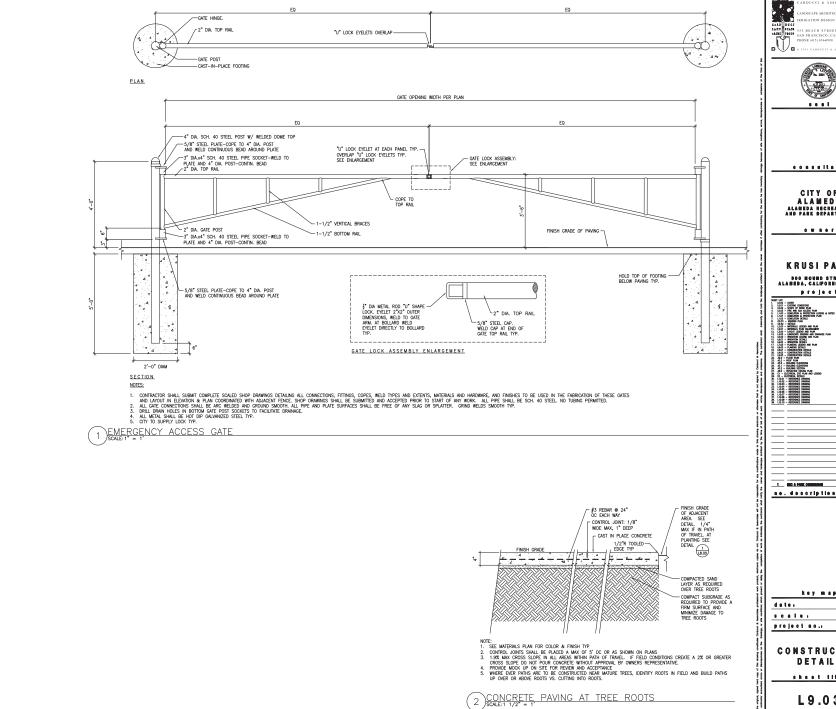
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sheet title

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RAIN GARDEN SECTION AT BUILDING

BIO FILTRATION PLANTING CONC TURN DOWN EDGE OR DEEPENED CONC BAND ADJACENT CONC PAVING 'PCO' DRAIN GRATE AT EACH END OF 4"ø PVC RISER 4"ø PVC RISER TYP 4 PERF PIPE, SD LINE CONNECT TO 1 NEXT RAIN GARDEN (19.02) 3 RAIN GARDEN PLANTER



ARDUCCI & ASSOCIATES, INC RIGATION DESIGN URBAN DESIGN



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CITY OF ALAMEDA ALAMEDA RECREATION AND PARK DEPARTMENT

KRUSI PARK 900 MOUND STREET Alameda, California 94801 project



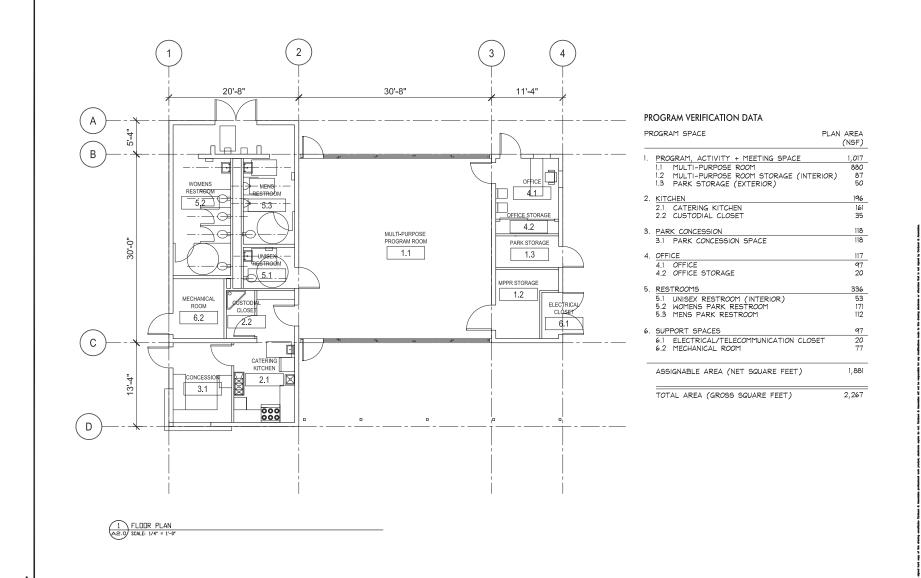
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11/14/2011 AS SHOWN . . . . . . project so.: COA10-02

CONSTRUCTION DETAILS

sheet title

L9.03 shoot so.





CARDUCCI & ASSOCIATES, INC

CALS FGS SS BEACH STREET. 4TH FLOOR AREHITYPETS SAN FRANCISCO, CALIFORNIA 94133 PRONE (413) 674-0990 FAX (415) 674-0990



CITY OF ALAMEDA ALAMEDA RECREATION AND PARK DEPARTMENT

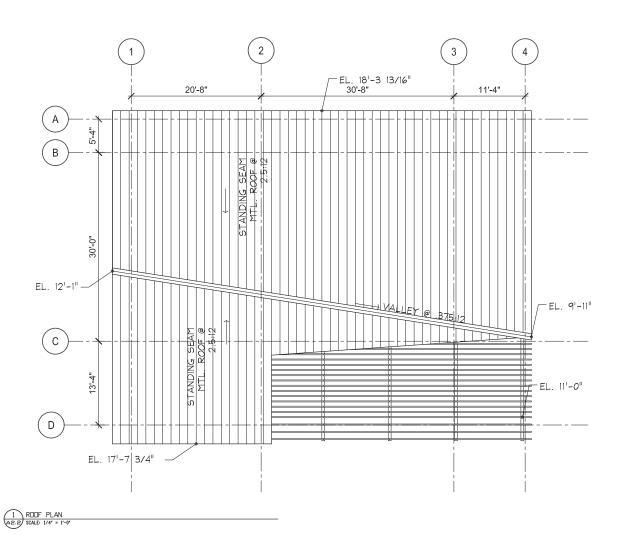
KRUSI PARK 900 MOUND STREET ALAMEDA, CALIFORNIA 94501

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_1_	REC & PARK COMMISSION	11/14/20

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FLOOR PLAN

A 2.0



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CARDUCCI & ASSOCIATES, INC.

IRRIGATION DESIGN URBAN DESIGN
CLAP FOCE
LATE 1648
ASSE BEACH STREET, 4TH FLOOR
AND THE ASSE PROVINCE CALIFORNIA 94133
PRIONE 1415 674-090 FAX 1415 674-090

D 1811 CARBUCCI & AAAUCIATBA, INC.

ROUP 4
ARCHITECTURE
RESEARCH +
PLANNING, INC
301 LINDEN AVENUE
50. SAN FRANCISCO

20: IMDEN AVENUE

30: SAN FRANCISCO

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CITY OF ALAMEDA ALAMEDA RECREATION AND PARK DEPARTMENT

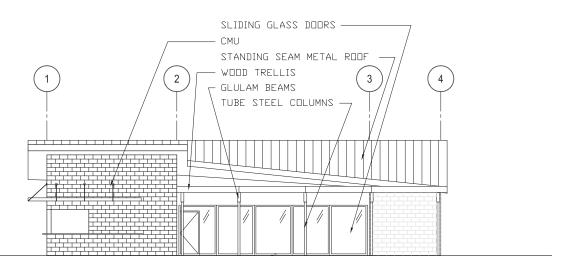
KRUSI PARK 900 MOUND STREET ALAMEDA, CALIFORNIA 94501



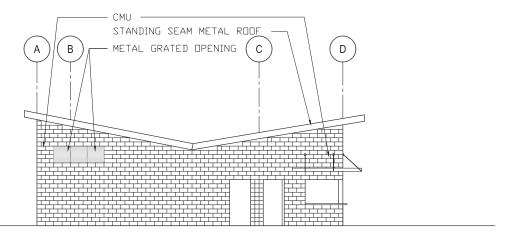
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ROOF PLAN

A 2.2



1 SOUTH ELEVATION
A3.0 SCALE: 1/4' = 1'-0'



MEST ELEVATION

A3.0 SCALE: 1/4" = 1'-0"



CARDUCCI & ASSOCIATES, INC.

LANDSCAPE ARCHITECTURE PLANNING

IRRIGATION DESIGN URBAN DESIGN

IRRIGATION DESIGN URBAN DESIGN
LAZE 1648 555 BEACH STREET. 4TH FLOOR
AREN 17675
SAN FRANCISCO, CALIFFORM 34133
PHONE (415) 674-0999 FAX (415) 674-0999



ARCHITECTURE
RESEARCH +
PLANNING, INC
301 LINDEN AVENUE
30. SAN FRANCISCO
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CITY OF ALAMEDA ALAMEDA RECREATION AND PARK DEPARTMENT

KRUSI PARK

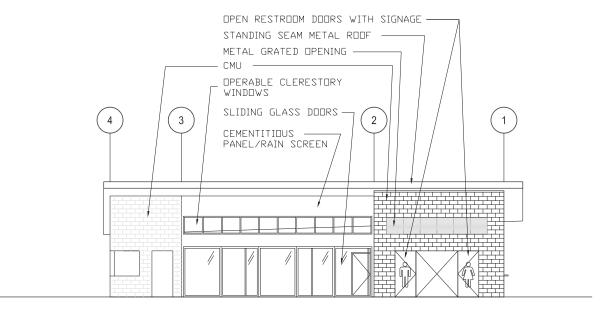
900 MOUND STREET
ALAMEDA, CALIFORNIA 94501



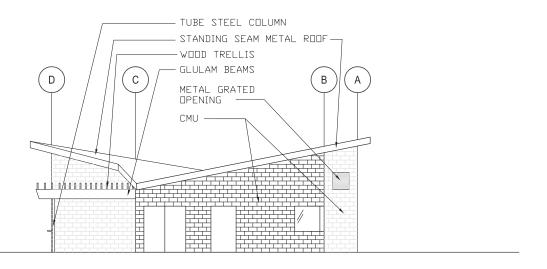
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BUILDING ELEVATIONS

A 3.0



NORTH ELEVATION
A3.1 SCALE: 1/4" = 1'-0"



EAST ELEVATION

SCALE: 1/4' = 1'-0'

CARDUCCI & ASSOCIATES, INC

ARCHITECTURE RESEARCH + PLANNING, INC 301 LINDEN AVENUE 30. SAN FRANCISCO C A 9 4 0 8 0 U S A 6 5 0 - 8 7 1 - 0 7 0 9

CROUP 4

ALAMEDA
ALAMEDA RECREATION
AND PARK DEPARTMENT

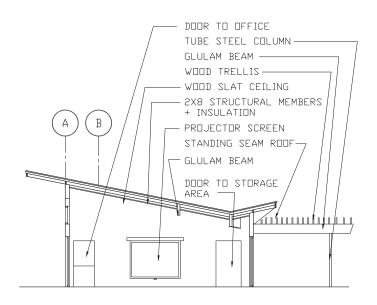
KRUSI PARK 900 MOUND STREET ALAMEDA, CALIFORNIA 94501



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BUILDING ELEVATIONS

A 3.1







CARDUCCI & ASSOCIATES, INC.

LANDSCAPE ARCHITECTURE PLANNING

IRRIGATION DESIGN HERAN

EARS TOOK DESIGN URBAN DESIGN

LAZE COMPANY

SSS BEACH STREET. 4TH FLOOR

ALEXE PETER

SAN FRANCISCO, CALIFORNIA 94133

FHONE (415) 674-0990 FAX (415) 674-0999

C 2811 CARBUCCI & ASSOCIATES, INC.



GROUP 4 ARCHITECTURE RESEARCH + PLANNING, INC \$01 LINDEN AVENUE \$0. SAN FRANCISCO C A 9 4 0 8 0 U S A \$5 0 8 7 1 0 7 0 9

CITY OF ALAMEDA ALAMEDA RECREATION AND PARK DEPARTMENT

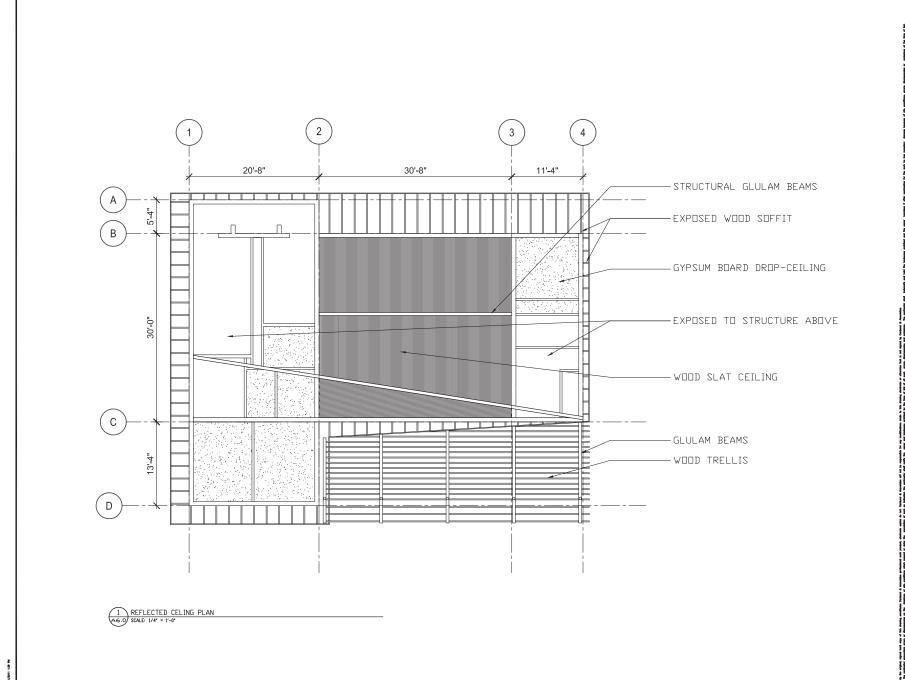
KRUSI PARK 900 MOUND STREET ALAMEDA, CALIFORNIA 94501



11/14/2011 date: AS SHOWN scale: project no.: COA10-02

> BUILDING SECTION

> > A 3.2



LAT DOD!

CARDUCCI & ASSOCIATES, INC.

LANDSCAPE ARCHITECTURE PLANNING

IRRIGATION DESIGN URBAN DESIGN

CALD DOES SSS BEACH STREET. 4TH FLOOR AREIT PIETE SAN FRANCISCO, CALIFORNIA 94133 PRONE (413) 674-0990 FAX (413) 674-0999



ARCHITECTURE
RESEARCH +
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301 LINDEN AVENUE
SO. SAN FRANCISCO
CA 94080 USA
650-871-0709

CITY OF ALAMEDA ALAMEDA RECREATION AND PARK DEPARTMENT

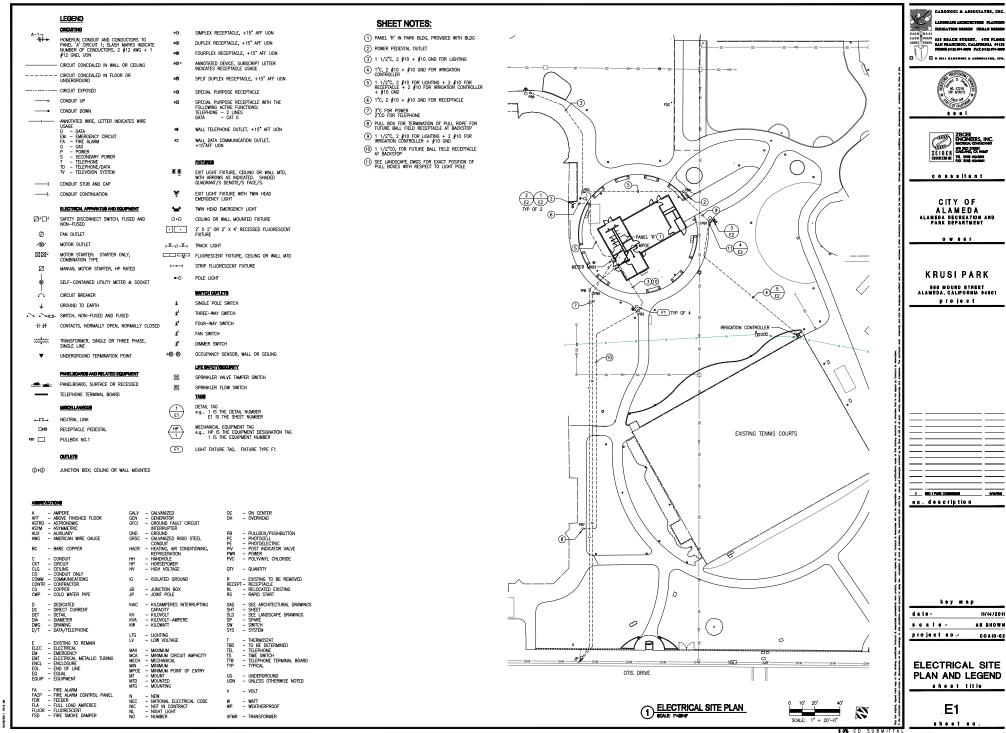
KRUSI PARK 900 MOUND STREET ALAMEDA, CALIFORNIA 94501



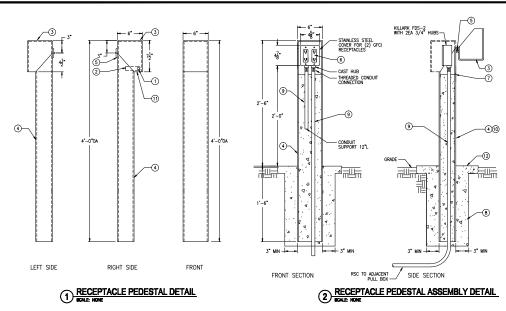
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REFLECTED CEILING PLAN

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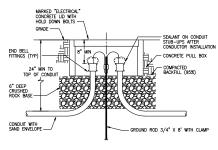
3568 10/26/11



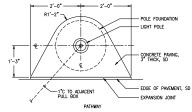
### RECEPTACLE PEDESTAL NOTES:

- 1 9/32" HOLE FOR PADLOCK HASP
- (2) TAB FOR PADLOCK HASP WELDED TO INSIDE OF TUBE
- 3 6" X 6" X 5/32" PLATE STEEL TOP, WELDED, GROUND SMOOTH
- (4) 6"W X 4"D X 5/32" THICK WALL STEEL TUBE, CONCRETE FILLED
- TUBE, CONCRETÉ FILLED

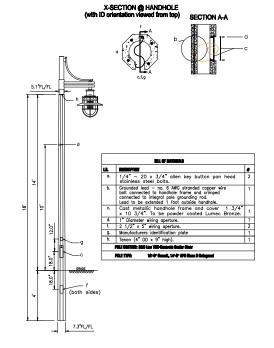
  5 HINGE, WELDED TO STEEL TUBE BODY & TOP
- (2) GFCI DUPLEX RECEPTACLES, FS DOUBLE GANG CAST OUTLET BOX & COVER
- 7 1/4"# WEEP HOLE
- 8 CONCRETE FOOTING
- 9 3/4" RSC
- PAINT INTERIOR AND EXTERIOR:
   1 COAT PRIME, 1 COAT FINISH PAINT OF INDUSTRIAL MAINTENANCE COATINGS M28 DTM ACRYLIC GLOSS ENAMEL BATTLESHIP GRAY COLOR
- ① OPENING
- (2) CONCRETE PAD, SEE LANDSCAPE DWGS



# 4 PULL BOX DETAIL SCALE HONE



# 3 LIGHT POLE PAD DETAIL



(3) POLE DETAIL

YPE	DESCRIPTION	MANUFACTURERS CATALOG NO.	MOUNTING	VOLT.	LAMPS	REMARKS
F1	LED LIGHT OCTAGONAL CONCRETE 18' HIGH POLE WITH POLISHED AGGREGATE FINISH W/DIRECT BURIAL BASE	LUMEC # SC-180-BOC-CBP-DTG-P	POLE		LED	PATHWAY
F2		<b>*</b>				
F3		i e				
F4	:	#				
F5		i e				
F6	:		•			
F7		i				
F8	:		•			
F9	:	i e				
F10	:	#	•			
F11	:	;				
F12	:	#	•			
F13						
F14	:	*	•			·
F15	:					
F16	:	,				

LIGHT FIXTURE SCHEDULE

ZEIGE III. THE PROPERTY OF THE

CARDWCCI & ASSOCIATES, INC.

ALAMEDA ALAMEDA RECREATION AND PARK DEPARTMENT

0 W R 0 f

KRUSIPARK

900 MOUND STREET
ALAMEDA, CALIFORNIA 94801
project

1 BEST-WAS COMMINSM
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ELECTRICAL DETAILS

E2

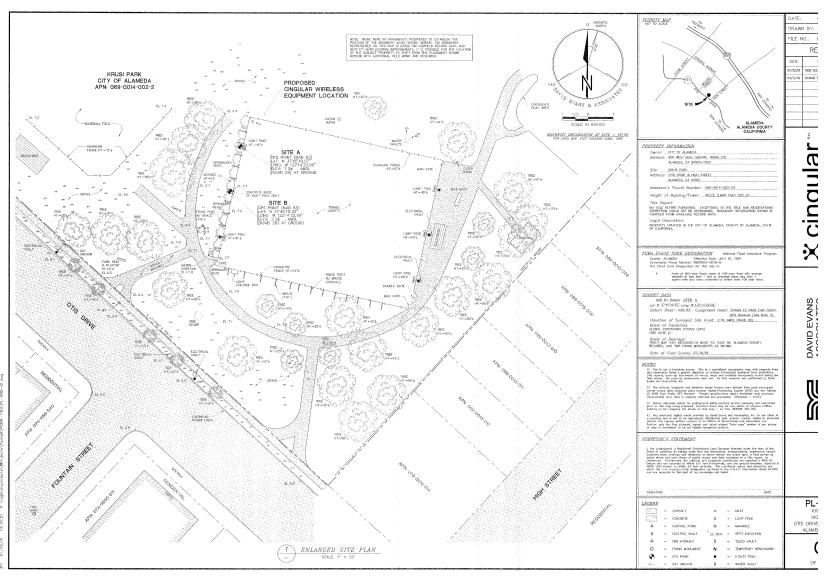
28/2011 Sed AM

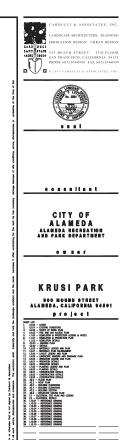
COMPACT BACKFILL

-UNDISTURBED SOIL

5 TRENCH DETAIL

3568 10/26/11

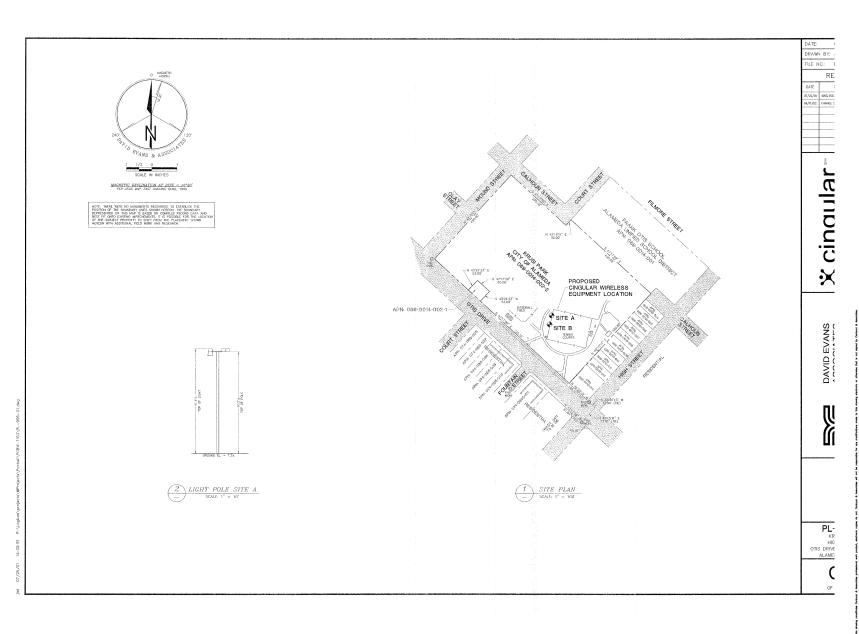




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CITY OF ALAMEDA ALAMEDA RECREATION AND PARK DEPARTMENT

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KRUSIPARK

BOO MOUND STREET
ALAMEDA, CALIFORNIA 84561

Project

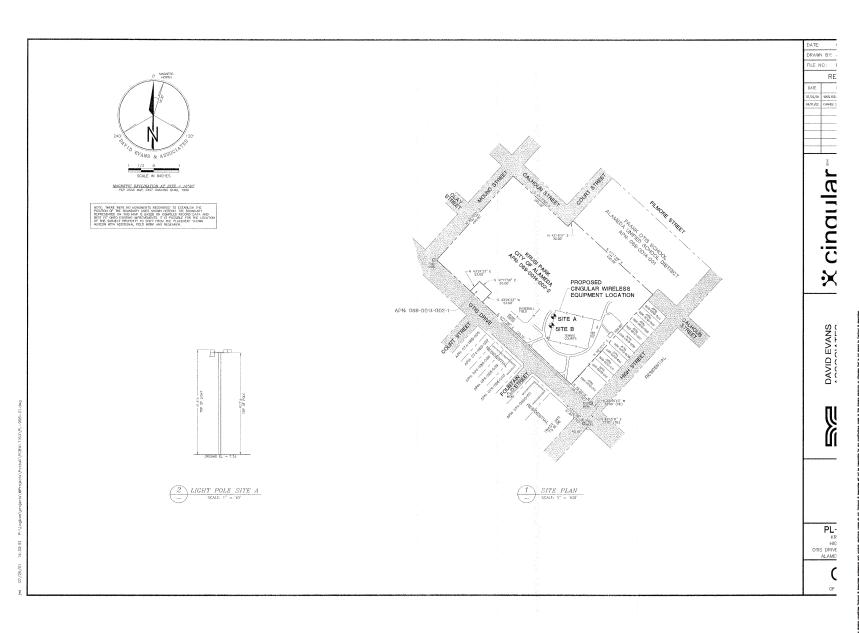


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CARDUCCI & ASSOCIATES, INC

LANDSCAPE ARCHITECTURE PLANNING

INCIDENT ARCHITECTURE PLANNING



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CITY OF ALAMEDA ALAMEDA RECREATION AND PARK DEPARTMENT

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KRUSIPARK

500 MOUND STREET
ALAMEDA, CALIFORNIA 54551

Project



1 1000	
no. description	

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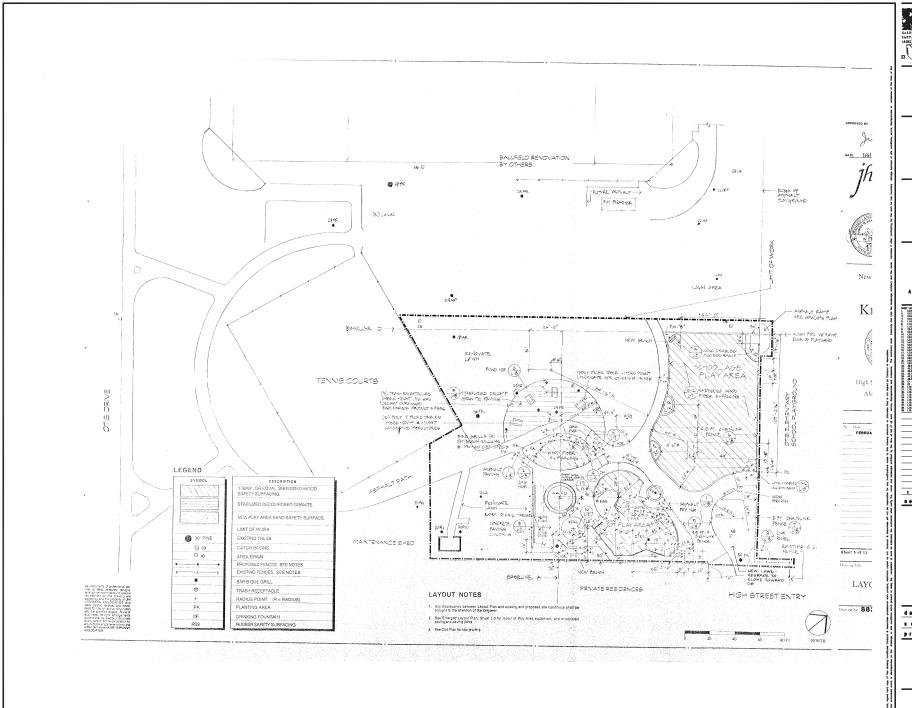
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CARDUCCI & ASSOCIATES, INC
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CITY OF ALAMEDA ALAMEDA RECREATION AND PARK DEPARTMENT

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DOO HOUMD STREET
ALAMEDA, CALIFORNIA 94591
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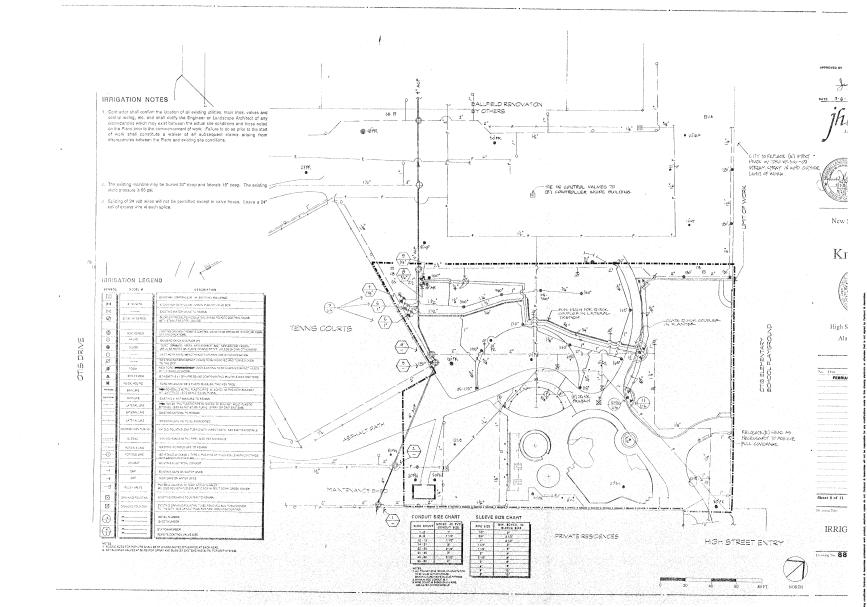


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ARDUCCI & ASSOCIATES, INC. ANDSCAPE ARCHITECTURE PLANNING RRIGATION DESIGN URBAN DESIGN

555 BEACH STREET. 4TH FLOO SAN FRANCISCO, CALIFORNIA 9413 PHONE (415) 674-0990 FAX (415) 674-09



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CITY OF ALAMEDA ALAMEDA RECREATION AND PARK DEPARTMENT

0 W B 0 F

KRUSI PARK
DOG MOUND STREET
ALAMEDA, CALIFORNIA 94591

Project



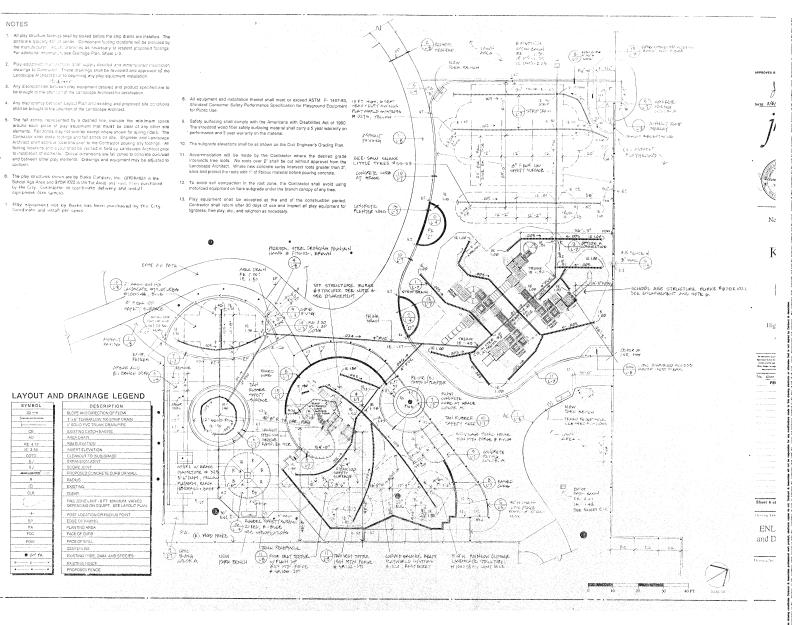
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CARDUCCI & ASSOCIATES, INC.

LANDSCAPE ARCHITECTURE PLANNING

IRRIGATION DESIGN URBAN DESIGN

1440 555 BEACH STREET, 4TH FLOOR

PRIONE (141) 642-996 FAX, (145) 642-999

PRIONE (141) 642-999 FAX, (145) 642-999



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CITY OF ALAMEDA ALAMEDA RECREATION AND PARK DEPARTMENT

1 0 8 W O

KRUSI PARK

ALAMEDA, CALIFORNIA 94501



no. description

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| date | 11/14/2011 | e c a l e | As SHOWN | project no.: COA10-02

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sheet title

### IRRIGATION LEGEND

- 'PGL' #B-68 1-1/4" BRONZE GATE VALVE (125 PSI) (7)
- CHAMPION #200 1-1/4" ATMOSPHERIC VACUUM BREAKER (16)
  (RAINBIRD) #1806 15H POP-UP SHRUB SPRAY HEAD (6" POP-UP)
- 'RAINBIRD' #1806 15Q
- 'RAINBIRD' #1806 10HLA
- 'RAINBIRD' #1806 10QLA

----- MAIN LINE: CLASS 315 PVC WITH SCHEDULE 40 SOLVENT WELD FITTINGS,

LATERAL LINE: CLASS 200 PVC WITH SCHEDULE 40 SOLVENT WELD FITTINGS, SIZE AS SHOWN ON PLAN

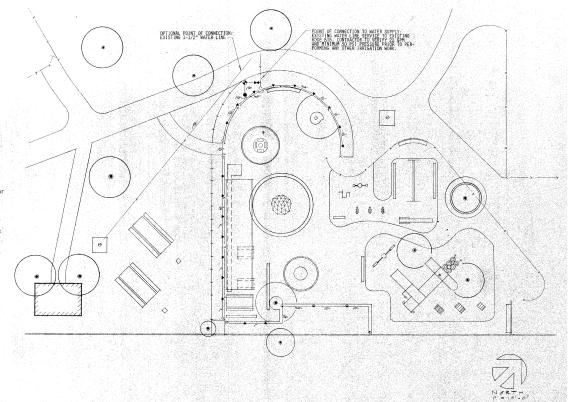
### IRRIGATION NOTES

TRENCHES ARE TO BE OF SUFFICIENT DEPTH TO PROVIDE 18" OF COVER OVER MAIN LINES AND 12" OF COVER OVER LATERAL LINES. INSTALL BACKFLOW PREVENTER(S) IN LOCATION(S) SHOWN, AS DETAILED, BACKFLOW PREVENTERS SHALL BE INSTALLED PLUMB, AND IN ALIGNMENT WITH ADJACENT PAVEMENT EDGES OR STRUCTURES.

LUDES ON SINGLINES.

FULLY HAIN, INSERTIOR TO THE INSTALLATION OF REMOTE CONTROL VALVES. FLUSH LIKE PRIOR TO THE INSTALLATION OF REMOTE CONTROL VALVES. FLUSH LIKE PRIOR TO THE INSTALLATION OF REMOTE CONTROL FROM THE PRIOR TO THE PRIOR THE PRIOR TO THE PRIOR THE PRIOR THE PRIOR TO THE PRIOR THE P

CONTRACTOR TO MARRANT THAT THE IRRIGATION SYSTEM BE FREE FROM DEFECTS IN MATERIALS AND MORKMANSHIP FOR A PERIOD OF ONE YEAR AFTER FINAL ACCEPTANCE. CONTRACTOR TO REPORT ANY SETTLED TRENCHES DURING THIS PERIOD.





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CITY OF ALAMEDA ALAMEDA RECREATION AND PARK DEPARTMENT

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KRUSI PARK 900 MOUND STREET Alameda, California 94801



1 DO A PARK CHIRDWIN no. description

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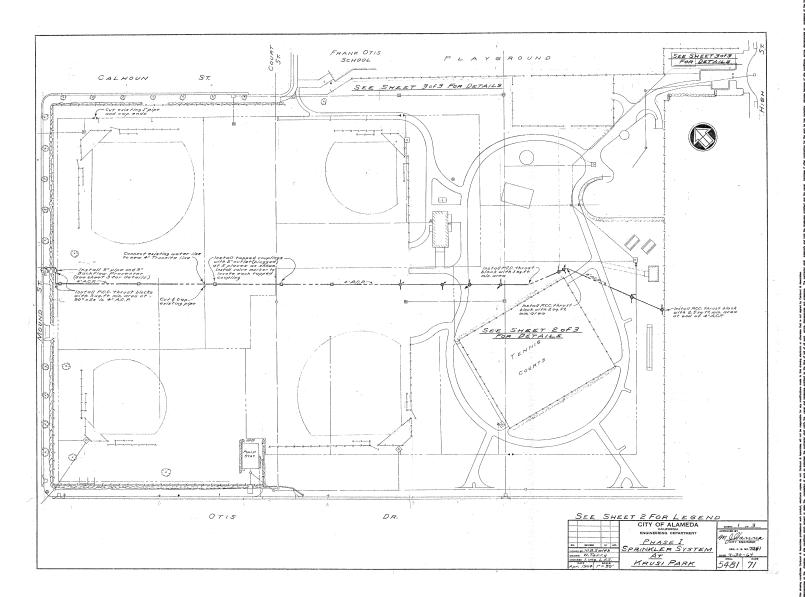
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CARDUCCI & ASSOCIATES, INC. ANDSCAPE ARCHITECTURE PLANNING RRIGATION DESIGN URBAN DESIGN

555 BEACH STREET. 4TH FLOOR
SAN FRANCISCO, CALIFORNIA 94133
PHONE (415) 674-0990 FAX (415) 674-0999



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CITY OF ALAMEDA ALAMEDA RECREATION AND PARK DEPARTMENT

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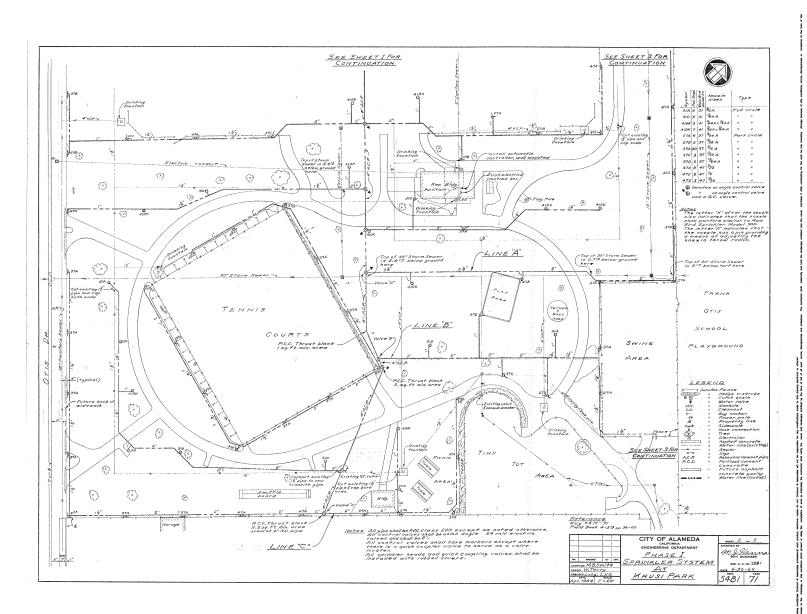
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KRUSI PARK



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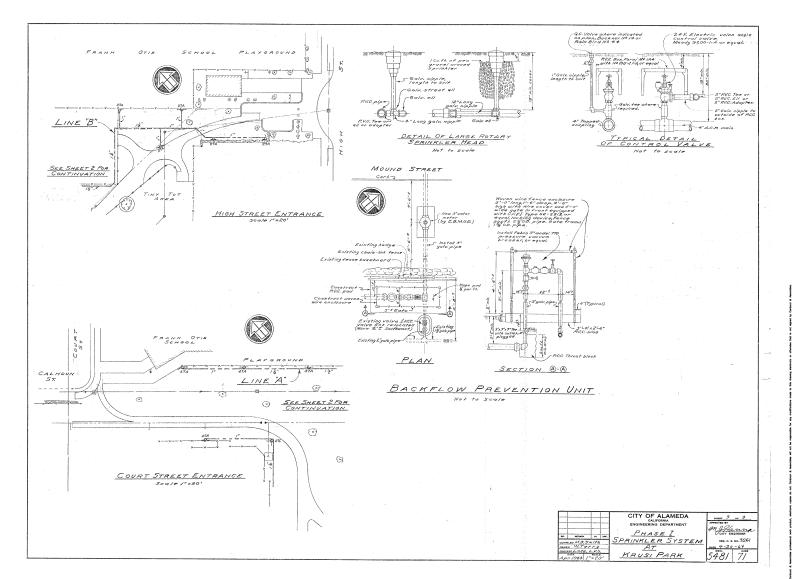
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CITY OF ALAMEDA ALAMEDA RECREATION AND PARK DEPARTMENT

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CUT SHEETS













tan DG



grey DG



nature leaf bike rack



bike garden bike rack



boulder



powder coated furniture



concrete table

# Oltrade

# alfresco bench 58





black: AL-B58-BL

cloud: AL-B58-CW





chocolate: AL-B58-CB

leaf: AL-B58-LG





\*shown in apple red

sky: AL-B58-SB

sand: AL-B58-SD



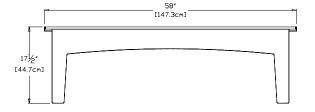
= **424** reclaimed milk jugs

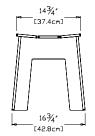




charcoal: AL-B58-CG

british green: AL-B58-EG





collection: alfresco

material: 100% recycled high density polyethylene (HDPE)

dimensions: width: 57" (147.3cm)

depth: 16.75" (42.8cm) height: 17.5" (44.7cm)

weight: 53 lbs (24kg)



flat pack shipped some assembly required









# Oltrade

# recycled plastic alfresco picnic area dining table 82



black: AL-82T-BL



cloud: AL-82T-CW



chocolate: AL-82T-CB



leaf: AL-82T-LG



sky: AL-82T-SB



sand: AL-82T-SD



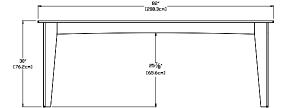
= **1584** reclaimed milk jugs

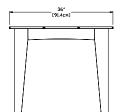


charcoal: AL-82T-CG



british green: AL-82T-EG





\*shown in apple red

collection: alfresco

material: 100% recycled high density polyethylene (HDPE)

dimensions: width: 82" (208.3cm)

depth: 36" (91.4cm) height: 30" (76.2cm)

weight: 198 lbs (89.8kg)



shipped knocked down some assembly required

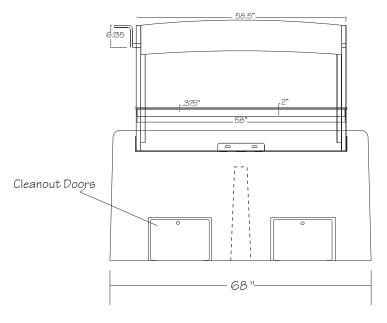


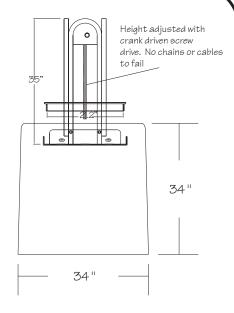


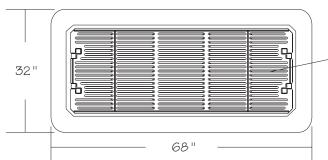








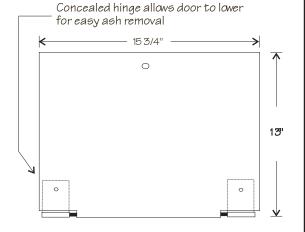




One-piece 3/8" Laser-cut Grill
\*No welds to fail

# NOTES:

- 1. Minimum thickness of all areas to be 4 inches.
- 2. Minimum weight to be 3150 lbs.
- 3. Coloring agents are to be pure mineral oxides and shall be mixed integrally with cement.
- 4. Concrete mix design to include 8.5 sacks Portland cement per yard with maximum rock size of 3/4" reinforced with #4 and #5 rebar grid. Cured concrete shall attain minimum compressive strength of 7000 P.S.I. In 28 days.
- 5. All formed surfaces and edges shall be fully rounded and smooth finished. Finish of all exposed surfaces to have a concrete graffiti-resistant sealer applied. G. Grill to be laser cut, single steel sheet design. Multi welded rod design not equal as welded joints are prone to pre-mature failure.



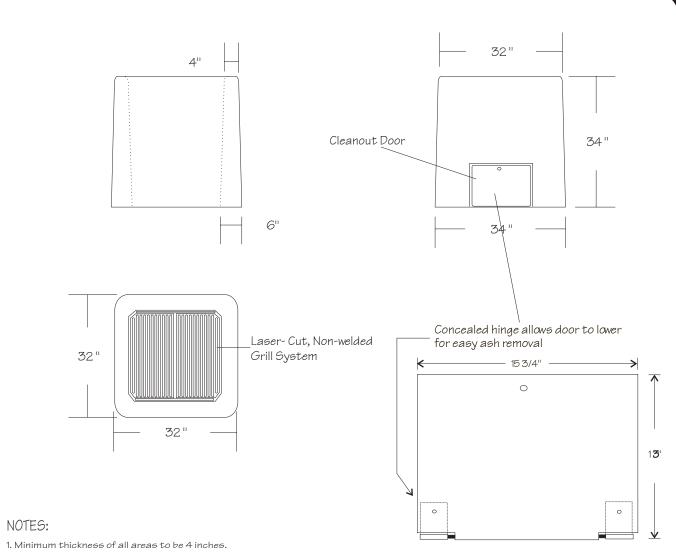


# OUTDOOR CREATIONS INC.

2270 Barney Street Anderson, CA 96007 (530) 337-6774 FAX (530) 337-6675 \_\_\_\_ Concrete Group Barbecue with Adjustable Grill

MODEL: 3001AG

DATE: 1/6/99



- 2. Minimum weight to be 1800 lbs.
- 3. Coloring agents are to be pure mineral oxides and shall be mixed integrally with cement.
- 4. Concrete mix design to include 8.5 sacks Portland cement per yard with maximum rock size of 3/4" reinforced with #4 and #5 rebar grid. Cured concrete shall attain minimum compressive strength of 7,000 P.S.I. In 28 days.
- 5. All formed surfaces and edges shall be fully rounded and smooth finished. Finish of all exposed surfaces to have a concrete graffiti-resistant sealer applied. 6. Grill to be laser cut, single steel sheet design. Multi welded rod design not equal as welded joints are prone to pre-mature failure.



# OUTDOOR CREATIONS INC.

2270 Barney Street Anderson, CA 96007 (530) 337-6774 FAX (530) 337-6675 Concrete Family Barbecue

MODEL: 300A

DATE: 1/6/99



# <u>TrafficGuard</u>

# HINGED ROUND POST BOLLARD (HRP)

"The Original Multifunction Bollard" Standard Features Include:

#### Ease of use in 5 easy steps:

- 1. Remove padlock
- 2. Remove locking pin
- 3. Lower bollard post
- 4. Replace locking pin
- 5. Allows vehicle access

#### Safety:

30" overall height and "Safety Yellow" finish are standard for high visibility. Custom colors available upon request.

#### Heavy Duty:

Closed Steflipe Construction Stainless Steel Locking Pin

#### Proven Performance:

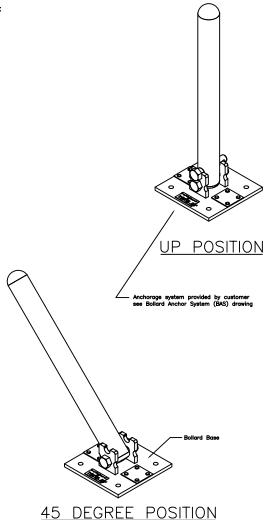
References Available Upon Request

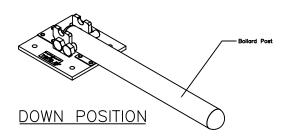
### Low Maintenance

### <u>Warranty</u>

#### \$1,000,000 Liability Coverage

Orders for "Safety Yellow" shipped in 48 hours.





# PRODUCT HIGHLIGHTS

Traditional Round Post Bollard appearance

Features single locking pin for easy access

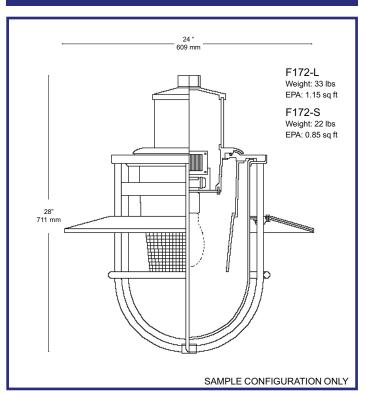
Clearance Height 4" in lowered position

Single Post design with 2-1/2" steel pipe

HINGED ROUND POS	THIRD ANGLE PROJECTION	<b>—</b>	母	Tr	afficGua	rd Direct				
		ł۸۱	WING		Do not scale fi				P.O. Box 201, Gene	wa, IL. 60134
COMMUNICATION 27 July 64-111						Action	B	6	Bus: 877-727-7347 F	ax: 800–814–7194
ZABEL ENGINEERING						Design	WZ	SZE		Drawing Number:
CONSULTING ENGINEERS 808 South Records Av., Auroro, E. 68808	1	WKZ	9-13-04	HRP & TRAFFIC GUA	RD	Drown	8	D	35.50 Pounds	HRPA1
Bus 000-000-0000 Fee: 000-000-1007	Rev.	by	Date	Descrip	tion	Checked	WZ	Souler	1 = 4 Drawing Date: 8-	4-2002 Sheet: 1 of 2
This Personal shall and he would not recombined or									dimension - 14" - 22"	Committee 9004



# F172 SERIES LUMINAIRES





Toll-free (800) 267-3175 Tel. (905) 238-2648

1280 Fewster Drive Mississauga ON L4W 1A4 sales@hcilighting.com www.hcilighting.com Fax (905) 238-9060

**Description.** The **F172** Series luminaire shall consist of an injection-molded UV stabilized diffuser, a spun aluminum shade assembly, an aluminum cage and an internal optical system. The aluminum cage shall consist of four extruded aluminum struts, one horizontal extruded ring and a cast aluminum ring welded together. Three horizontal rings are available as an option. The globe shall be secured to the gasketed fitter with stainless steel hardware. The ballast shall feature quick disconnect plugs for easy ballast maintenance. The ballast shall be factory wired, tested and mounted on a keyholed cast aluminum plate together with a 4kV porcelain socket. Lamps are not included and shall be supplied by others. All electrical components shall be UL listed and labeled.

**Installation.** The fixture shall be equipped with either a 2" OD or 3-1/2" OD tenon and shall be secured to an arm with three hex socket screws spaced 120° apart and a security bolt.

**Finish.** All applicable parts shall receive a standard electrostatically applied thermoset polyester powder coat smooth semi gloss finish with a four part corrosion inhibiting process.

To assemble a catalog number, list all codes sequentially.

1. SIZE			4. V	OLTAGE		6. OPTIONS	
F172-L (24"W x 28"H) F172-S (18"W x 20"H)		_ _	QT TT NOTE:	is indicated, factory will pre-wire at 120	OV.	FUS internal fusing PCB luminaire integrated button type photocell HSS house side shield	_ _
			120V	Reactor			
2. DIFFUSER TYPE			480	Single		7. COLOR	
CPC Clear Polycarbon	ate					Black RAL 9011	
						Green RAL 6005	
		ı	<b>5</b> OF	27100		Bronze RAL 8019	
			o. Ui	PTICS		Grey RAL 7012	
3. LIGHT SOURCE (inc	licate wattage)		AR3	acrylic refractor IES type III <sup>2</sup>		White RAL 9016	
50 - 250 <b>MH</b> <sup>1</sup>	W		AR5	acrylic refractor IES type V <sup>2</sup>		Custom	
Option: pulse start ballast			GR3	glass refractor IES type III			
35 - 250 <b>HPS</b> <sup>1</sup>	W		GR5	glass refractor IES type V		NOTES	
CFL Fluorescent	W		PR3	polycarbonate refractor IES type III <sup>2</sup>		<sup>1</sup> F172-S is limited to 100W	max.
INC Incandescent	W		PR5	polycarbonate refractor IES type V <sup>2</sup>		<sup>2</sup> Not available for F172-S	

# **DESCRIPTION**

The arm shall be HCI A364-\_\_\_\_(specify configuration) arm, consisting of an arm with a scroll, welded onto an adaptor and a 4"OD central column equipped with a pole tenon. Wall bracket shall be welded to a cast aluminum wall plate.

# **MATERIALS**

The arm shall be made of two 1-1/2" x 3" x 1/8" thick aluminum rectangles, with a mechanically fastened scroll made of bent extruded 1"OD x 1/8" thick aluminum. The column shall be extruded non-fluted aluminum. All hardware shall be tamper resistant, stainless steel.

# **CONFIGURATION**

A variety of configurations is available, some of which are illustrated below. Those not illustrated are noted in the bottom left-hand corner. Non-standard configurations may be feasible, please consult factory for details.

# INSTALLATION

Post top arms shall be equipped with a 12"L x 3-1/2" OD round pole tenon and a 2" ID opening on the fixture side. Post top arms are not pre-wired and shall be wired by the contractor. Wall brackets shall be pre-wired, with a 12" slack for ease of wiring to source on the wall side and for wiring with wire nuts on the fixture side. Mounting hardware for wall brackets is not included.

# **FINISH**

All applicable parts shall receive a standard electrostatically applied thermoset polyester powder coat smooth semi gloss finish with a four part corrosion inhibiting process.

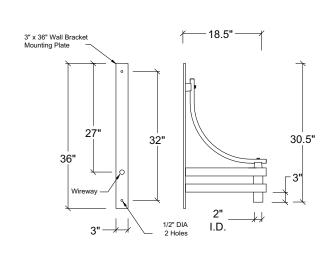
# COLORS

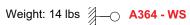
The five standard RAL colors are listed below. Simply check off the color applicable to your project. Custom colors are available for an additional charge. Please supply a 2" x 2" paint chip.

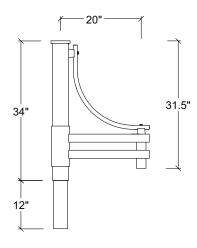
Black RAL 9011	
Green RAL 6005	
Bronze RAL 8019	
Grey RAL 7012	
White RAL 9016	
Custom	



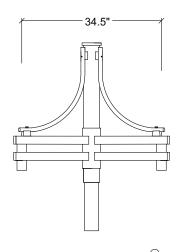
(800) 267-3175 (905) 238-2648 1280 Fewster Drive Mississauga Ontario L4W 1A4 Canada Fax (905) 238-9060 Email sales@hcilighting.com WEB www.hcilighting.com







Weight: 20 lbs EPA: 2.42 sq ft — A364 - 1A



Weight: 32 lbs EPA: 4.8 sq ft A364 - 3B

# ADDITIONAL CONFIGURATIONS AVAILABLE



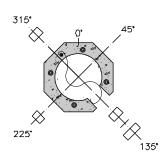




# Octagonal Class AL - Extra Light Duty Pole

# **Physical Specifications**

- Octagonal section tapered at 1/8" per foot
- Tip diameter: 51/4" and 6"
- Pre-stressed high performance concrete construction
- Typical installation is direct embedment



Catalogue No.	Top of Pole	Typical Embedment	Overall Pole	Tip	Pole Butt	Nominal
(first 8 characters)	above grade (ft)	Depth*(ft)	Length**(ft)	Diameter (in)	Diameter (in)	Mass (lbs)
SC 135 ALOC	9'6"	4'	13'6"	<b>5</b> 1/4"	7"	480
SC 200 ALOC	16'	4'	20'	<b>5</b> 1/ <sub>4</sub> "	<b>7</b> 3/ <sub>4</sub> "	711
SC 250 ALOC	21'	4'	25'	<b>5</b> <sup>1</sup> / <sub>4</sub> "	<b>8</b> <sup>1</sup> / <sub>4</sub> "	952
SC 275 ALOC	22'6"	5′	27'6"	<b>5</b> 1/ <sub>4</sub> "	<b>8</b> <sup>3</sup> / <sub>4</sub> "	1092
SC 300 ALOC	25'	5'	30'	6"	<b>9</b> <sup>1</sup> / <sub>2</sub> "	1395

- \* For direct embedment poles
- \*\* For base or socket mounted poles, the distance from grade to the top of pole becomes the pole length



cut sheet included for octagonal pole: see electrical drawings for additional pole specs

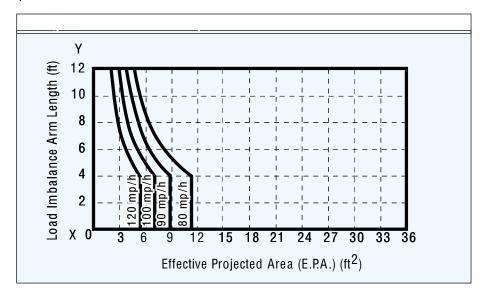
# **Color and Finish**

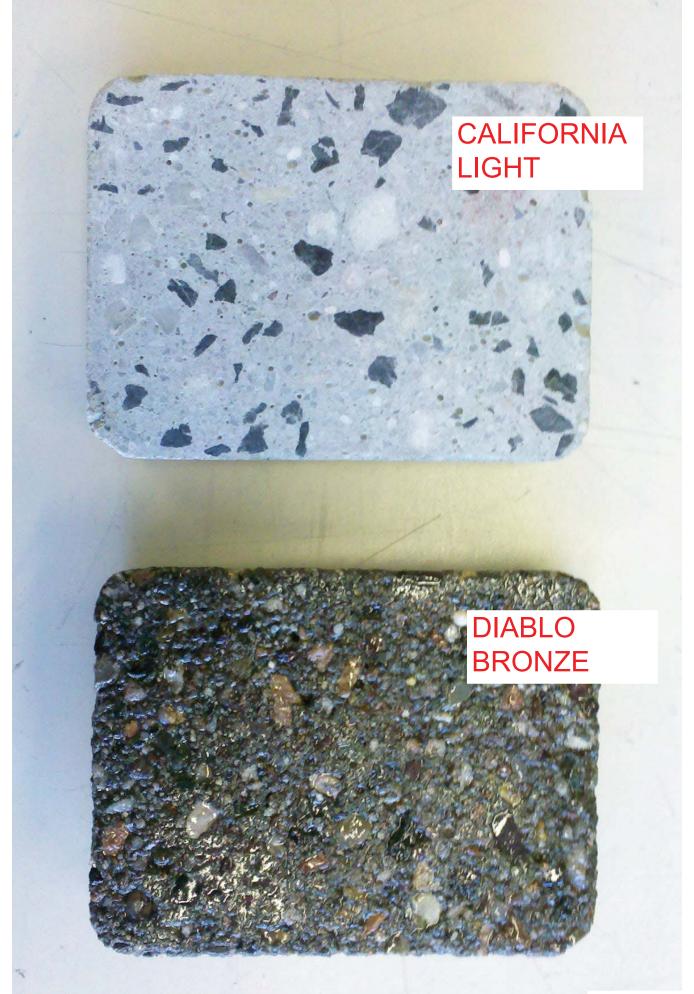
Standard color and finish on all round poles is concrete gray (product code  $C\,O$ ) with a smooth natural surface (code N) from the steel mold. Alternative colors and finishes are available.

# Strength Check for EPA Loading

Determination of the class of pole required for a particular combination of attachments and wind speed can be found in the technical information section. If you know the EPA, loadings and wind speed for your pole location, use the graph below to confirm a Class AL pole will meet your requirements.

Plot the EPA ( $\rm ft^2$ ) on the x-axis and the loading (ft) on the y-axis. Find the point where they intersect and confirm that it lies below the wind speed line for your pole location.





# Green World

# **Compartment Sinks**



# **High Quality 304 Stainless Steel**

..... THREE & FOUR COMPARTMENT SINK .....

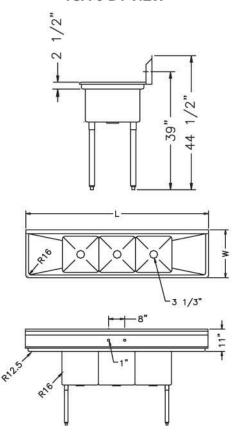




TSA-3-D1 VIEW

(unit: inch)

		В	owl S	ize	Ov	erall	Size	Net	List Price
Model	Ga.	w	L	Н	w	L	н	Weight	LIST Price
TSA-3-12-D1	18	18	18	12	24	90	441/2	84	1,290.00
TSA-3-12-L1	18	18	18	12	24	75	441/2	77	1,267.00
TSA-3-12-R1	18	18	18	12	24	75	441/2	77	1,267.00
TSA-3-14-D1	18	18	18	14	24	90	441/2	88	1,276.00
TSA-3-14-D2	18	18	18	14	24	102	441/2	94	1,385.00
TSA-3-14-N	18	18	18	14	24	60	441/2	75	1,267.00
TSA-3C-D1	18	18	18	11	24	57	441/2	99	2,032.00
TSA-3-D1	18	18	18	11	24	90	441/2	82	1,100.00
TSA-3-L1	18	18	18	11	24	75	441/2	75	1,166.00
TSA-3-N	18	18	18	11	24	60	441/2	68	1,122.00
TSA-3-R1	18	18	18	11	24	75	441/2	75	1,166.00
TSA-4-14-D2	18	18	18	14	24	120	441/2	115	1,851.00
TSA-4-D1	18	18	18	11	24	108	441/2	100	1,697.00
TSA-4-N	18	18	18	11	24	78	441/2	87	1,669.00
TSB-3C-D2	16	24	24	14	30	75	441/2	194	2,982.00
TSB-3-D2	16	24	24	14	30	120	441/2	161	1,931.00
TSB-3-L2	16	24	24	14	30	99	441/2	147	2,078.00
TSB-3-N	16	24	24	14	30	78	441/2	133	1,987.00
TSB-3-R2	16	24	24	14	30	99	441/2	147	2,078.00
TSC-3-D2	16	18	21	14	27	102	441/2	128	1,900.00
TSCS-3-21	18	10	14	10	192/3	60	432/3	63	1,079.00
TSCS-3-23	18	14	16	12	192/3	72	43 <sup>2</sup> /3	89	1,184.00
TSD-3-D2	16	18	24	14	30	102	441/2	133	1,945.00



<sup>\*</sup> All net weights are approximated.

\* Although every attempt has been made to ensure the accuracy of the information provided, we cannot be held responsible for typographical or printing errors. Information and specifications are subject to change without notice.

\* Please confirm at the time of the order



# S686 Sentry Series Electric Restaurant Range

Item:
Quantity:
Project:
Approval:
Date:

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S686

☐ SU686

☐ SS686



Model S686 (shown with optional casters)

NOTE: Ranges supplied with casters must be installed with an approved restraining device.

# Standard Features:

- Stainless Steel exterior
- 1 large, full-size oven with complete porcelain interior finish
- Removeable, 4-position, rack guides w/1 oven rack
- Electro-mechanical heavy duty oven thermostat, (150°F/66°C - 550°F/288°C)
- 6 tubular heating elements, infinite switch controlled
- · Cool touch oven door handle
- 10" (254mm) high stainless steel backguard with slotted black enameled angled cap
- 6" (152 mm) high stainless steel legs Adjustable
- 6 sealed, high performance elements with over heat protection and 6-heat switch in lieu of tublar elements, CE approved model SU686, or North American Model SS686
- 1 year limited warranty on parts & labor (USA & Canada only)

# Optional Features:

- Convection oven base (add suffix - RC) with 3-position rack guide assembly and 3 oven racks
- 5/8" (16mm) thick thermostatically controlled griddle plate available in 12", add suffix 12G, 24" add suffix 24G and 36", add suffix 36G, standard on the right, left optional
- Solid Steel Hot top 1/2"(13mm)
  thick utilizing font and rear switch
  controls, available in 12", add suffix 1, and 24" add suffix 2, standard on the left, right optional
- Additional Oven Rack
- Swivel casters with front brakes
   17"(432mm) high stainless steel backguard with slotted black enameled angled cap
- Stainless steel two piece easy to assemble backguard and plate shelf
- Range mounted salamander broiler (Model SER-686). CE Marked range mounted salamander is SUER-686.
- Marine equipment storm rails, oven door latch, drip tray stop and deck fasteners

# Specifications:

Electric medium duty range with full size, all porcelain oven interior, contoured front stainless steel plate rail, 36" (914mm) wide, with 6 all purpose tubular heating elements. Stainless steel exterior, with stainless steel 10" (254 mm) high backguard with slotted black enameled angled cap. Available with optional sealed elements with "over heat protection" – reducing power if element is turned on w/o pan for 8 minutes, hot top(s) and griddle. Available with convection oven base.





Note: Only models with prefix "SU" carry the CE Mark

Garland 1333 East 179th Street Cleveland, Ohio 44110 Phone: 800-424-2411 Fax: 800-624-0218 Garland Commercial Ranges Ltd 1177 Kamato Road, Mississauga, Ontario L4W 1X4 CANADA Phone: 905-624-0260 Fax: 905-624-5669





Model	Total Kw	Nominal Amps									
Model	Load	208V/1Ph	208V/3 Ph	240V/1Ph	240V/3 Ph	400 V/3N	415V/3N				
S686*	15	72	48	62	42	_	_				
S686RC	16	75	51	64	44	_	_				
SS/SU686**	19	90	59	78	52	40	38				
SS/SU686RC	20	93	62	80	54	40	38				
Salamander Broiler***	7	34	19	29	16	4	4				

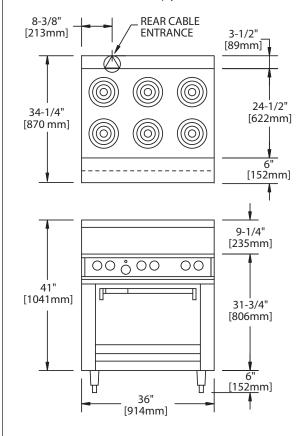
\*Tubular elements; \*\*Sealed -top elements, Model # SS686 in North America; \*\*\*Add when wired to range base (SER/SUER-680)

Exte	rior Dimen	sions	Oven Interior Dimensions			
Height	Width	Depth <sup>†</sup>	Height	Width	Depth	
47" (1194mm)	36" (914mm)	34-1/4" (870mm)	13-1/2" (343mm)	26-1/4" (667mm)	22" (559mm)	

† With front rail	Note: Shipping	Cubic Feet is 58.5
-------------------	----------------	--------------------

Entry Clearances									
Crated	Uncrated	Uncrated "RC" Model							
45" (1143mm)	35" (889mm)	40" (1016mm)							

**NOTE**: Many local codes exist, and it is the responsibility of the Owner and the Installer to comply with those codes.



Installation<br/>Clearances:SideBackRange w/o Salamander3" (76mm)2" (51mm)Range w/Salamander7" (178mm)2" (51mm)Hot Top10" (254mm)—

# Ratings:

Tubular Elements: 6-1/2" (165mm): 1250 Watts

8-1/2" (216mm): 2100 Watts

Sealed Elements: 7" (180mm): 2000 Watts

8-5/8" (220mm): 2600 Watts

Hot Tops: (per 12"/305mm section):

Front and Rear sections each 1675 Watts,

(3350 Watts total)

Griddle (per 12"/305mm section): 3350 Watts

Standard Oven: 4.85 kW

Convection Oven: 5.0 kW (+0.5kW fan motor; for 5.5kW total)

**NOTE:** For ranges with convection oven, (models with suffix `RC'), air circulation is required for proper operation of fan motors. These models must not be dais mounted or installed without legs.

13-5/8' [346mm] **OPTIONAL** 57-5/8" HIGH SHELF [1465mm] 4-3/4" [121mm] W/OPTIONAL **RC MOTOR REAR CABLE ENTRANCE** 3" -[76mm] 15-1/4" 29" [387mm] [737mm]

Garland 1333 East 179th Street Cleveland, Ohio 44110 Phone: 800-424-2411 Fax: 800-624-0218 Garland Commercial Ranges Ltd 1177 Kamato Road, Mississauga, Ontario L4W 1X4 CANADA Phone: 905-624-0260 Fax: 905-624-5669

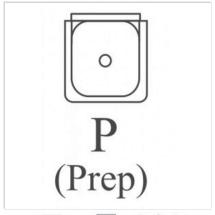


Form# S686 (01/06/11)



Home > Sinks > 1 Compartment Sinks > One Tub Food Prep/Mop Sink

#### ONE TUB FOOD PREP/MOP SINK



Stainless steel One Tub Food Prep Sink, NSF approved.



















- $\ensuremath{^{*}}$  Stainless steel legs with cross bracing for firm support.
- \* Extra welded under tubs for longevity.
- \* Strainer included.
- \* NSF approval for Prep Sinks only, not for Mop Sinks.
- $\ast$  Galvanized legs for SE18181M.

Ouden Ne Ge Decembrie		Danasiation	Bowl	Size (	inch )	Overal	Weight			
Order No	Ga	Description	Description	W	L	D	W	L	Н	lbs/ea
SE15151P	18	Prep Sink	15	15	13	18-1/4	18	45	36	
SE18181M	18	Mop Sink	18	18	13	21	21-1/2	45	38	
SE18181P	18	Prep Sink	18	18	13	21	21-1/2	45	38	
SH24241M	16	Mop Sink	24	24	13	27-1/2	27	45	42	
SH24241P	16	Prep Sink	24	24	13	27-1/2	27	45	42	



# HAND SINKS T-PS-EC & 7-PS-FC



Deep Drawn sink bowl design.

Sink bowl is 10" x 14" x 5".

Sink bowl has a large liberal radii with a minimum dimension of  $2^{\shortparallel}$  and are rectangular in design for increased capacity.

Stainless steel 1-1/2" basket drain. 1-1/2" IPS.

**7-PS-EC -** 4" O.C. economy splash mounted gooseneck faucet, chrome plated & furnished with aerator.

7-PS-70-EC - Faucet not included.

 Item #: \_\_\_\_\_\_\_ Qty #: \_\_\_\_\_\_

 Model #: \_\_\_\_\_\_\_

 Project #: \_\_\_\_\_\_\_

### CONSTRUCTION:

All TIG welded.

Welded areas blended to match adjacent surfaces and to a satin finish. Die formed Countertop Edge with a No-Drip offset.

### **MATERIAL:**

Heavy gauge type 304 series stainless steel.

Wall mounting bracket is Galvanized and of offset design.

All fittings are brass / chrome plated unless otherwise indicated.

### **MECHANICAL:**

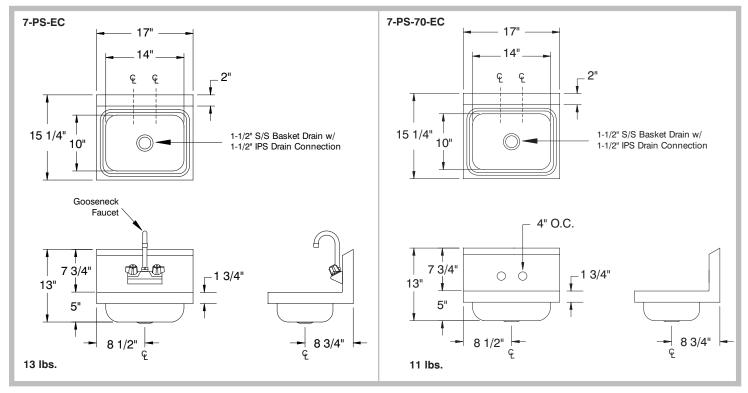
Faucet supply is 1/2" IPS male thread hot and cold.

# **DETAILS and SPECIFICATIONS**

TOL Overall: ± .500" Interior: ± .250"

FITTINGS SUPPLIED AS SHOWN

ALL DIMENSIONS ARE TYPICAL





Customer Service Available To Assist You 1-800-645-3166 8:30 am - 8:00 pm E.S.T.

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**TEXAS** Fax: (972) 932-4795

**NEVADA** Fax: (775) 972-1578



# TRUE FOOD SERVICE EQUIPMENT, INC.

2001 East Terra Lane • O'Fallon, Missouri 63366 (636)240-2400 • Fax (636)272-2408 • (800)325-6152 • Intl Fax# (001)636-272-7546 Parts Dept. (800)424-TRUE • Parts Dept. Fax# (636)272-9471 • www.truemfg.com

Project Name:		AIA#
Location:		
Item #:	Qty:	SIS #
Model #:		

Model: **T-12** 

**T-Series:** 

Reach-In Solid Swing Door Refrigerator



# T-12

- True's solid door reach-in's are designed with enduring quality that protects your long term investment.
- Designed using the highest quality materials and components to provide the user with colder product temperatures, lower utility costs, exceptional food safety and the best value in today's food service marketplace.
- Oversized, factory balanced, refrigeration system holds 33°F to 38°F (.5°C to 3.3°C) for the best in food preservation.
- Stainless steel solid door and front. The very finest stainless with higher tensile strength for fewer dents and scratches.
- Adjustable, heavy duty PVC coated shelves.
- Positive seal self-closing door. Lifetime guaranteed door hinges and torsion type closure system.

# Bottom mounted units feature:

- No stoop" lower shelf.
- Storage on top of cabinet.
- Compressor performs in coolest, most grease free area of kitchen.
- Easily accessible condenser coil for cleaning.

# **ROUGH-IN DATA**

Specifications subject to change without notice. Chart dimensions rounded up to the nearest %" (millimeters rounded up to next whole number).

			Cabinet Dimensions (inches) (mm)					NEMA	Cord Length (total ft.)	Crated Weight (lbs.)	
Model	Doors	Shelves	L	D	H*	HP	Voltage	Amps		(total rt.)	(kg)
T-12	1	3	24%	231/8	631/8	1/5	115/60/1	4.9	5-15P	9	200
			632	588	1604	1/4	230-240/50/1	3.0	<b>A</b>	2.74	91

<sup>\*</sup> Height does not include 1" (26 mm) for upper door hinge.

T-12 standard with leg levellers, optional 2½" (64 mm) diameter castors available, legs not available.

▲ Plug type varies by country.



# **T-Series:**

Reach-In Solid Swing Door Refrigerator



# STANDARD FEATURES

#### DESIGN

 True's commitment to using the highest quality materials and oversized refrigeration systems provides the user with colder product temperatures, lower utility costs, exceptional food safety and the best value in today's food service marketplace.

# **REFRIGERATION SYSTEM**

- Factory engineered, self-contained, capillary tube system using environmentally friendly (CFC free) 134A refrigerant.
- Extra large evaporator coil balanced with higher horsepower compressor and large condenser; maintains 33°F to 38°F (.5°C to 3.3°C) for the best in food preservation.
- Sealed, cast iron, self-lubricating evaporator fan motor(s) and larger fan blades give True reach-in's a more efficient low velocity, high volume airflow design. This unique design ensures faster temperature recovery and shorter run times in the busiest of food service environments.
- Bottom mounted condensing unit positioned for easy maintenance.
   Compressor runs in coolest and most grease free area of the kitchen. Allows for storage area on top of unit.

### **CABINET CONSTRUCTION**

- Exterior Stainless steel front. Anodized quality aluminum ends, back and top.
- Interior attractive, NSF approved, white aluminum liner. Stainless steel floor with coved corners.

- Insulation entire cabinet structure and solid door is foamed-in-place using Ecomate. A high density, polyurethane insulation that has zero ozone depletion potential (ODP) and zero global warming potential (GWP).
- Welded, heavy duty steel frame rail, black powder coated for corrosion protection.
- Base rail fitted with leg levelers (legs not available).

#### **DOOR**

- Stainless steel exterior with white aluminum liner to match cabinet interior.
   Door extends full width of cabinet shell.
- Lifetime guaranteed recessed door handle. Door fitted with 12" (305 mm) long recessed handle that is foamed-in-place with a sheet metal interlock to ensure permanent attachment.
- Positive seal self-closing door. Lifetime guaranteed door hinges and torsion type closure system.
- Magnetic door gasket of one piece construction, removable without tools for ease of cleaning.

#### **SHELVING**

- Three (3) adjustable, heavy duty PVC coated wire shelves 20 ½6"L x 17"D (529 mm x 432 mm). Four (4) chrome plated shelf clips included per shelf.
- Shelf support pilasters made of same material as cabinet interior; shelves are adjustable on ½" (13 mm) increments.

### LIGHTING

 Incandescent interior lighting - safety shielded. Lights activated by rocker switch mounted below door.

# **MODEL FEATURES**

- Evaporator is epoxy coated to eliminate the potential of corrosion.
- NSF-7 compliant for open food product.

### **ELECTRICAL**

 Unit completely pre-wired at factory and ready for final connection to a 115/60/1 phase, 15 amp dedicated outlet. Cord and plug set included.

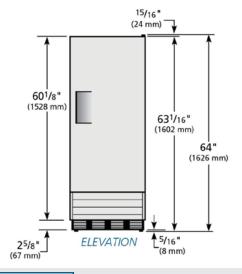


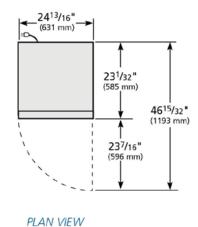
#### **OPTIONAL FEATURES/ACCESSORIES**

Upcharge and lead times may apply.

- □ 230 240V / 50 Hz.
- □ 2½" (64 mm) diameter castors.
- ☐ Additional shelves.
- ☐ Remote cabinets (condensing unit supplied by others; system comes standard with 404A expansion valve and requires R404A refrigerant). Consult factory technical service department for BTU information. All remote units must be hard wired during installation.

# PLAN VIEW





#### WARRANTY

One year warranty on all parts and labor and an additional 4 year warranty on compressor.

(U.S.A. only)

METRIC DIMENSIONS ROUNDED UP TO THE NEAREST WHOLE MILLIMETER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

T-12 TFAY55E TFAY55S TFAY55P TFAY553	KCL	Model	Elevation	Right	Plan	3D	Back
	T T	T-12	TFAY55E	TFAY55S	TFAY55P	TFAY553	

# TRUE FOOD SERVICE EQUIPMENT



# TRUE FOOD SERVICE EQUIPMENT, INC.

2001 East Terra Lane • O'Fallon, Missouri 63366 (636)240-2400 • Fax (636)272-2408 • (800)325-6152 • Intl Fax# (001)636-272-7546 Parts Dept. (800)424-TRUE • Parts Dept. Fax# (636)272-9471 • www.truemfg.com

Project Name:		AIA#
Location:		
Item #:	Qty:	SIS #
Model #:		

Model:

TS-23F-2

**TS Series:** 

Reach-In Solid Half Swing Door Stainless Steel Freezer



# TS-23F-2

- True's TS series is the choice for the exclusive stainless steel commercial application.
- Designed using the highest quality materials and components to provide the user with colder product temperatures, lower utility costs, exceptional food safety and the best value in today's food service marketplace.
- Extra large evaporator coil balanced with higher horsepower compressor and large condenser; maintains -10°F (-23.3°C) cabinet temperatures. Ideally suited for both frozen foods and ice
- Stainless steel interior and exterior front, sides and doors. The very finest stainless with higher tensile strength for fewer dents and scratches. Matching aluminum back.
- Adjustable, heavy duty PVC coated shelves.
- Positive seal self-closing door(s). Lifetime guaranteed door hinges and torsion type closure system.
- Automatic defrost system time-initiated, temperature-terminated. Saves energy consumption and provides shortest possible defrost cycle.

### **Bottom mounted units feature:**

- "No stoop" lower shelf.
- Storage on top of cabinet.
- Compressor performs in coolest, most grease free area of kitchen.
- Easily accessible condenser coil for cleaning.

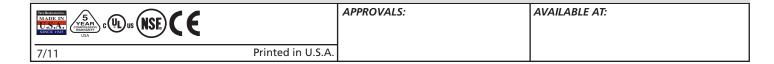
# **ROUGH-IN DATA**

Specifications subject to change without notice. Chart dimensions rounded up to the nearest  $\frac{1}{2}$  (millimeters rounded up to next whole number).

			Cabinet Dimensions (inches) (mm)					NEMA	Cord Length (total ft.)	Crated Weight (lbs.)	
Model	Doors	Shelves	L	D	H*	HP	Voltage	Amps		(	(kg)
TS-23F-2	2	3	27	291/2	78%	1/2	115/60/1	10.4	5-15P	9	330
			686	750	1991	1/2	230-240/50/1	5.5	<b>A</b>	2.74	150

<sup>\*</sup> Height does not include 5" (127 mm) for castors or 6" (153 mm) for optional legs.

▲ Plug type varies by country.



TS-23F-2

# TS Series:

Reach-In Solid Half Swing Door Stainless Steel Freezer



# STANDARD FEATURES

#### DESIGN

- True's solid door reach-in's are designed with enduring quality that protects your long term investment.
- True's commitment to using the highest quality materials and oversized refrigeration systems provides the user with colder product temperatures, lower utility costs, exceptional food safety and the best value in today's food service marketplace.

#### **REFRIGERATION SYSTEM**

- Factory engineered, self-contained, capillary tube system using environmentally friendly (CFC free) R404A refrigerant.
- Extra large evaporator coil balanced with higher horsepower compressor and large condenser; maintains -10°F (-23.3°C). Ideal for both frozen foods and ice cream.
- Sealed, cast iron, self-lubricating evaporator fan motor(s) and larger fan blades give True reachin's a more efficient, low velocity, high volume airflow design. This unique design ensures faster temperature recovery and shorter run times in the busiest of food service environments.
- Bottom mounted condensing unit positioned for easy maintenance. Compressor runs in coolest and most grease free area of the kitchen. Allows for storage area on top of unit.
- Automatic defrost system time-initiated, temperature-terminated. Saves energy consumption and provides shortest possible defrost cycle.

#### **CABINET CONSTRUCTION**

- Exterior Stainless steel doors, front and sides. Matching aluminum back.
- Interior Stainless steel liner and floor.

- Insulation entire cabinet structure and solid doors are foamed-in-place using Ecomate. A high density, polyurethane insulation that has zero ozone depletion potential (ODP) and zero global warming potential (GWP).
- Welded, heavy duty steel frame rail, black powder coated for corrosion protection.
- Frame rail fitted with 4" (102 mm) diameter stem castors - locks provided on front set.

#### **DOORS**

- Stainless steel exterior and liners. Doors extend full width of cabinet shell. Door locks standard.
- Lifetime guaranteed recessed door handles.
   Each door fitted with 12" (305 mm) long recessed handle that is foamed-in-place with a sheet metal interlock to ensure permanent attachment.
- Positive seal self-closing doors. Lifetime guaranteed door hinges and torsion type closure system.
- Magnetic door gasket(s) of one piece construction, removable without tools for ease of cleaning.

#### **SHELVING**

- Three (3) adjustable, heavy duty PVC coated wire shelves 22 1/8 "L x 23 1/4" D (582 mm x 591 mm). Four (4) chrome plated shelf clips included per shelf.
- Aluminum shelf support pilasters. Shelves are adjustable on ½" (13 mm) increments.

#### LIGHTING

 Incandescent interior lighting -safety shielded. Lights activated by rocker switch mounted above top door(s).

### **MODEL FEATURES**

- Evaporator is epoxy coated to eliminate the potential of corrosion.
- Exterior solar, digital temperature display.
- Rear airflow guards prevent product from blocking optimal airflow.
- NSF-7 compliant for open food product.

#### **ELECTRICAL**

 Unit completely pre-wired at factory and ready for final connection to a 115/60/1 phase, 15 amp dedicated outlet. Cord and plug set included.

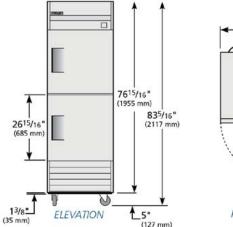


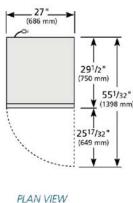
# **OPTIONAL FEATURES/ACCESSORIES**

Upcharge and lead times may apply.

- ☐ 230 240V / 50 Hz.
- ☐ 6" (153 mm) standard legs.
- ☐ 6" (153 mm) seismic/flanged legs.
- ☐ Alternate door hinging (factory installed).
- ☐ Novelty baskets.
- □ Additional shelves.
- ☐ Remote cabinets (condensing unit supplied by others; system comes standard with 404A expansion valve and requires R404A refrigerant). Consult factory technical service department for BTU information. All remote units must be hard wired during installation.

# PLAN VIEW





#### WARRANTY

One year warranty on all parts and laborand an additional 4 year warranty on compressor. (U.S.A. only)

METRIC DIMENSIONS ROUNDED UP TO THE NEAREST WHOLE MILLIMETER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

KCL	Model	Elevation	Right	Plan	3D	Back
KCL	TS-23F-2	TFGY07E	TFGY07S	TFEY03P	TFGY073	

# TRUE FOOD SERVICE EQUIPMENT



# model 737

High-temp undercounter deluxe dishwasher





# High-temp undercounter deluxe dishwasher



STAINLESS STEEL WASH AND RINSE ARMS



SLIDE OUT INTEGRATED CONTROL PANEL

# CONSTRUCTION FEATURES

- Body, external housing, wash tank, and all chassis components in brushed stainless steel AISI 304 18/8
- Noise 58 DbA due to utilization of double-wall insulated panels
- Upper and lower wash and rinse jets on revolving arms constructed of stainless steel; easy to remove and clean without the need for tools
- Integrated AISI 304 18/10 stainless steel booster with insulated lining
- Safety micro-switch on the door to interrupt wash pump action
- Independently-operated heating elements alternating between booster and wash tank
- Alternating heating resistors reducing maximum absorption thereby reducing energy costs
- Possibility of built-in or free-standing installation
- Standard insulated top and side panels
- Deep drawn inner chamber constructed without welds or corners and recessed wash tank make the 737 ideally suited for Marine usage
- Wash pump protected with double filters, plus additional filter for overflow tube
- Door-opening with overall clearance of 14.25 in. (36 cm)
- Automatic fill and water level regulation of tank
- Slide out integrated front control panel provides easy access for service
- Individual digital thermometer gauges displaying wash and rinse temperatures
- <u>Standard equipment includes:</u>

   One open combination rack and one peg dish rack
   19.75" x 19.75" (500 mm x 500 mm)



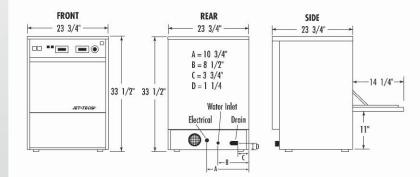






# **TECHNICAL FEATURES**

- Rack capacity: 19.75" x 19.75" (500 mm x 500 mm)
- Complete cycle: 120 seconds (105 sec. wash & 15 sec. rinse)
- Wash tank capacity: 3.17 U.S. gallons (12 liters)
- Wash tank element: 2800 Watts
- Wash temperature: 150°F. (65°C.)
- Booster capacity: 1.72 U.S. gallons (6.5 liters)
- Booster element: 4000 Watts
- Booster (water) temperature: 185°F. 194°F. (85°C. 90°C.)
- Power supply: 208-240/60/1 22.3 Amps
- Motor-pump: 0.75 H.P. with clipson at 320F. (160C.)
- Maximum power rating: 4550 Watts
- Water consumption per cycle: 0.79 U.S. gallon (3 liters)
- Water consumption/hr: 26.9 U.S. Gallons / 102.0 Liters maximum
- Water supply: 1/2" hot water supply 140°F/60°C
- Flow pressure: 25 p.s.i. (dynamic) (PRV may be required)
- Water inlet connection: 3/4" male hose connector (hose included)
- Drain connection: 1" ID (25.4mm) max. height 36"/915mm (hose included)
- Shipping weight: 165 lbs. (75 kg.)





# **MVP GROUP CORPORATION**

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